

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015865.D
 Acq On : 23 Apr 2020 01:41
 Operator : JC/SP
 Sample : L2380-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421

Quant Time: Apr 23 05:01:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	938351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1432770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1431457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	785448	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	526784	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
35) Dibromofluoromethane	5.47	113	421129	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	8.70	98	1749646	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	11.12	95	727308	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	3538	0.430	ug/l	89
8) Diethyl Ether	2.24	74	1084	0.226	ug/l	70
11) Tert butyl alcohol	3.01	59	64967	29.794	ug/l #	73
13) Acrolein	2.26	56	1102	0.854	ug/l #	1
16) Acetone	2.42	43	6977	1.501	ug/l #	85
17) Carbon Disulfide	2.55	76	20548	0.688	ug/l #	91
18) Methyl Acetate	2.83	43	122704	7.998	ug/l #	53
19) Methyl tert-butyl Ether	3.17	73	220555	7.601	ug/l #	1
31) Cyclohexane	5.55	56	254411	16.316	ug/l	96
36) 1,1-Dichloropropene	5.63	75	64159	5.051	ug/l #	51
38) Carbon Tetrachloride	5.64	117	82975	6.632	ug/l #	15
39) Methylcyclohexane	7.44	83	379190	23.574	ug/l	91
40) Benzene	6.12	78	139015	3.634	ug/l	98
41) Methacrylonitrile	5.03	41	2706	0.322	ug/l #	27
43) Isopropyl Acetate	6.43	43	18546	0.727	ug/l #	62
46) Dibromomethane	7.62	93	2319	0.317	ug/l #	1
47) Bromodichloromethane	7.82	83	7563	0.581	ug/l #	58
48) Methyl methacrylate	7.72	41	51590	4.113	ug/l #	51
49) 1,4-Dioxane	7.74	88	254	1.071	ug/l #	21
51) 4-Methyl-2-Pentanone	8.67	43	37860	2.572	ug/l #	55
52) Toluene	8.77	92	20903	0.852	ug/l	94
55) 1,1,2-Trichloroethane	9.15	97	121003	12.637	ug/l #	18
56) Ethyl methacrylate	9.15	69	34065	2.100	ug/l #	1
59) 2-Hexanone	9.50	43	2810	0.251	ug/l	90
67) Ethyl Benzene	10.23	91	192115	3.822	ug/l	99
68) m/p-Xylenes	10.34	106	14712	0.780	ug/l	85
69) o-Xylene	10.68	106	17203	0.927	ug/l	97
73) Isopropylbenzene	11.00	105	13183075	264.276	ug/l	87
76) 1,2,3-Trichloropropane	11.34	75	107637	7.207	ug/l #	1
78) n-propylbenzene	11.34	91	13464949	235.631	ug/l	85
79) 2-Chlorotoluene	11.34	91	13464949	392.271	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.65	105	889224	20.906	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.01	75	191119	30.781	ug/l #	62
82) 4-Chlorotoluene	11.34	91	13464949	330.111	ug/l #	45

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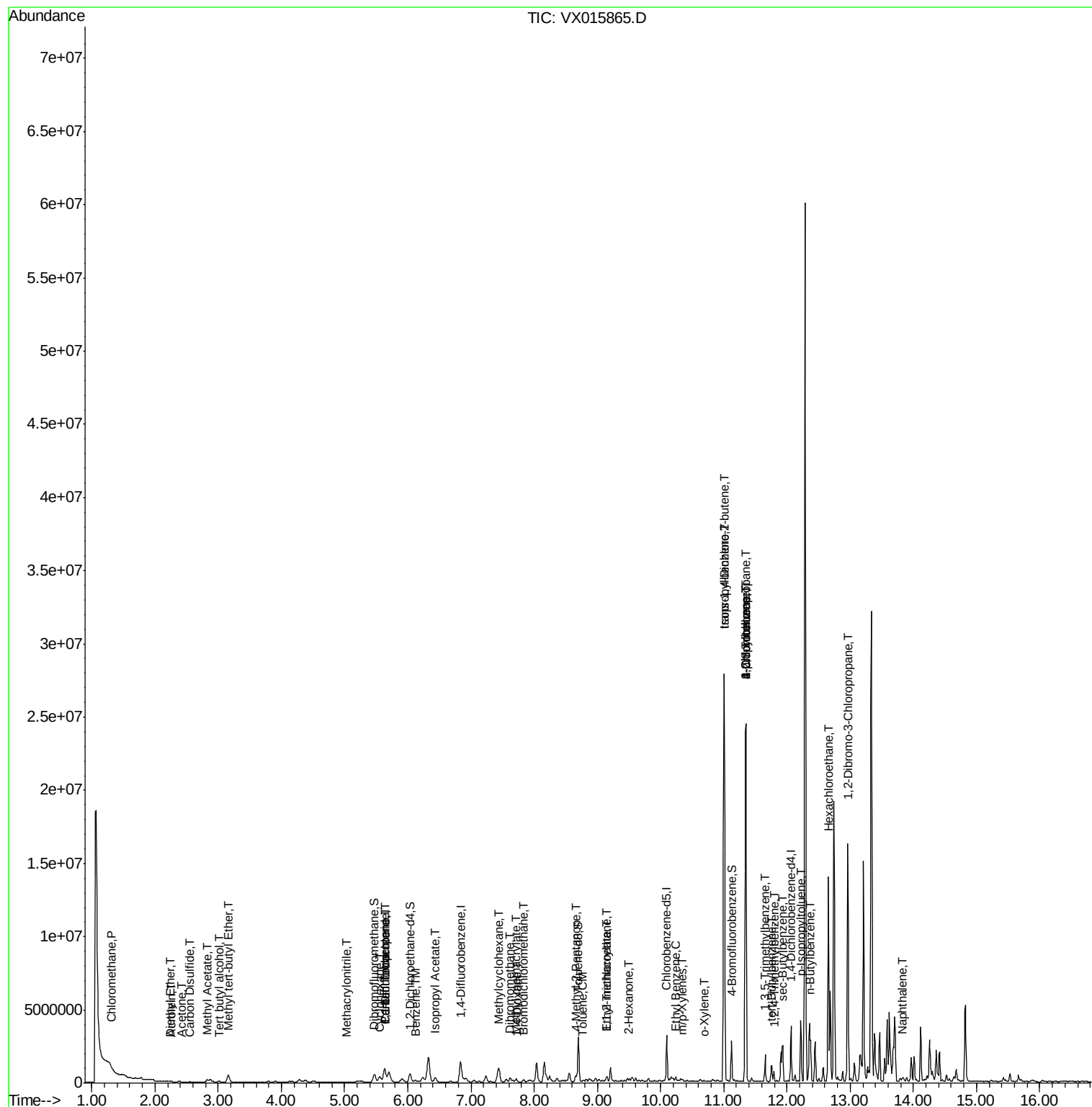
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.76	119	453075	12.008	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	299445	6.781	ug/l	100
85) sec-Butylbenzene	11.93	105	1396633	28.080	ug/l	93
86) p-Isopropyltoluene	12.22	119	1813820	39.000	ug/l	97
89) n-Butylbenzene	12.37	91	1407406	33.847	ug/l #	75
90) Hexachloroethane	12.65	117	537344	109.370	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.96	75	50340	16.079	ug/l #	1
95) Naphthalene	13.82	128	132130	2.456	ug/l #	84

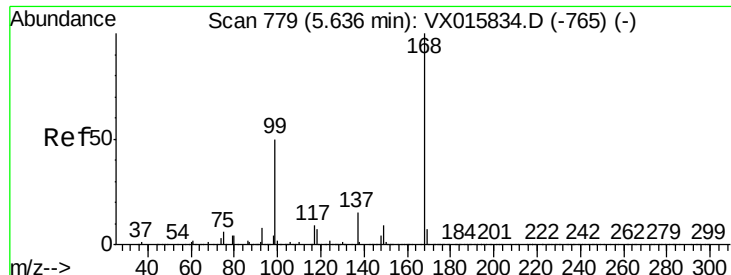
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

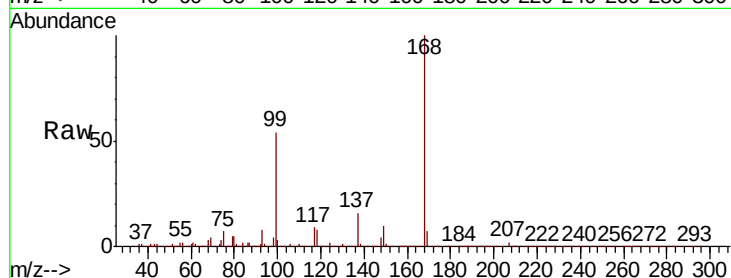
KY001MW029-200421

Tot Ion:168 Resp: 938351

Ion Ratio Lower Upper

168 100

99 53.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

300000

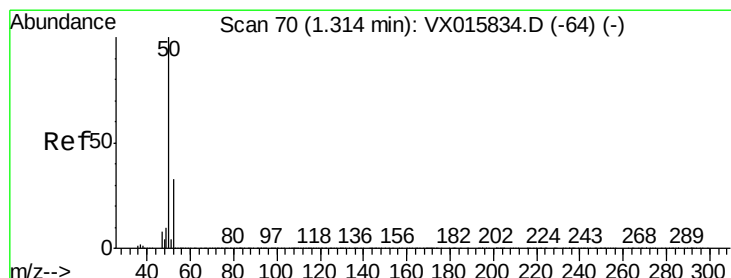
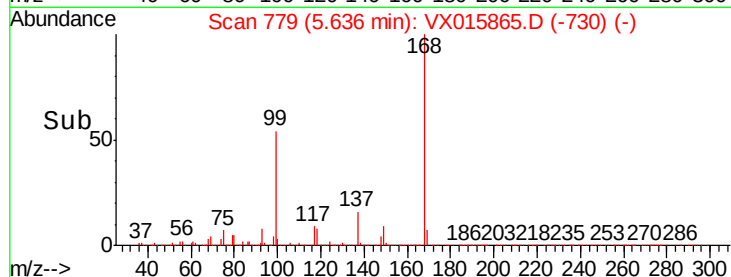
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.430 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015865.D

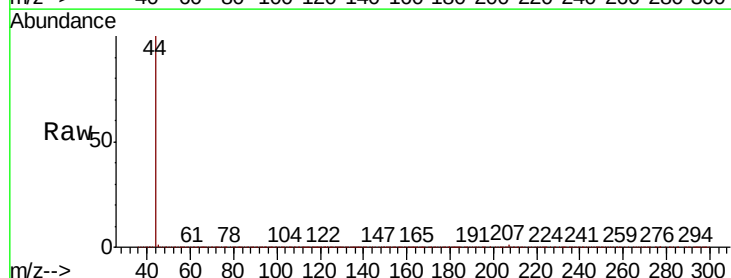
Acq: 23 Apr 2020 01:41

Tgt Ion: 50 Resp: 3538

Ion Ratio Lower Upper

50 100

52 39.1 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

4000

3000

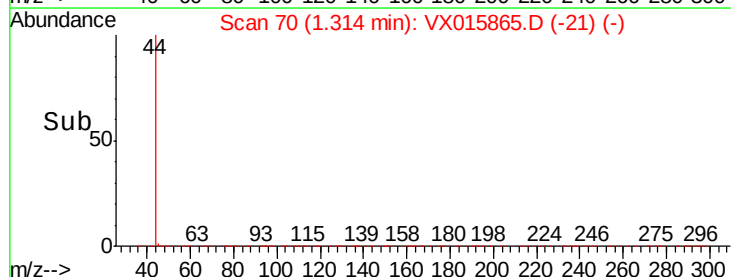
2000

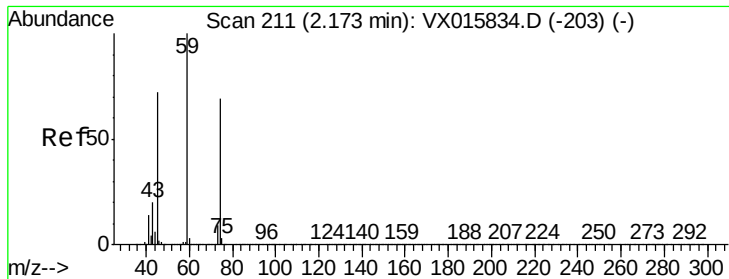
1000

0

1.30 1.35

Time-->





#8

Diethyl Ether

Concen: 0.226 ug/l

RT: 2.24 min Scan# 222

Delta R.T. 0.07 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

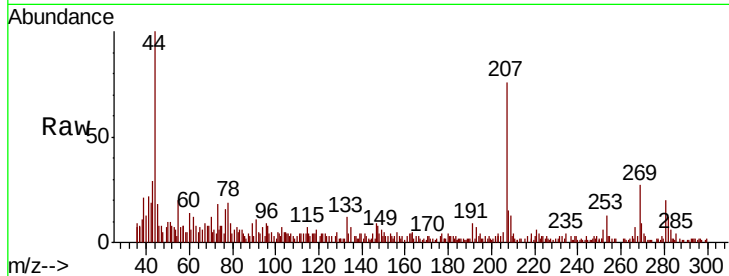
KY001MW029-200421

Tot Ion: 74 Resp: 1084

Ion Ratio Lower Upper

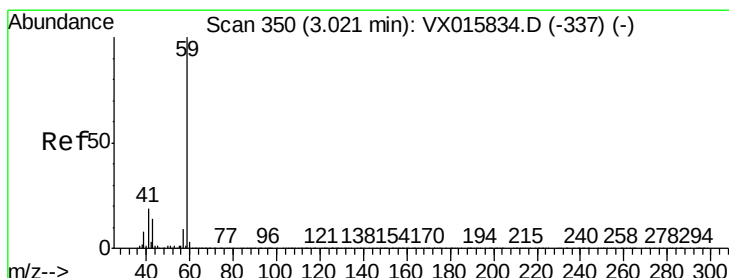
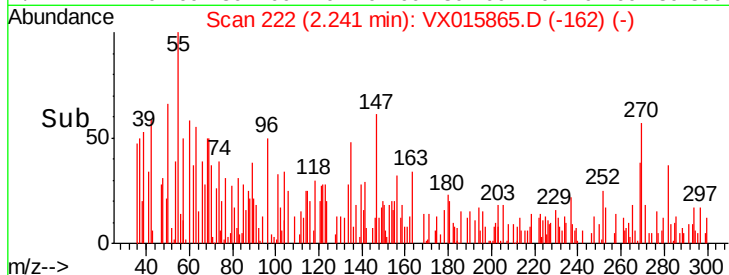
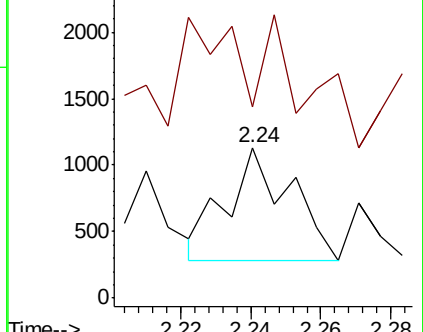
74 100

45 76.1 53.8 161.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#11

Tert butyl alcohol

Concen: 29.794 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015865.D

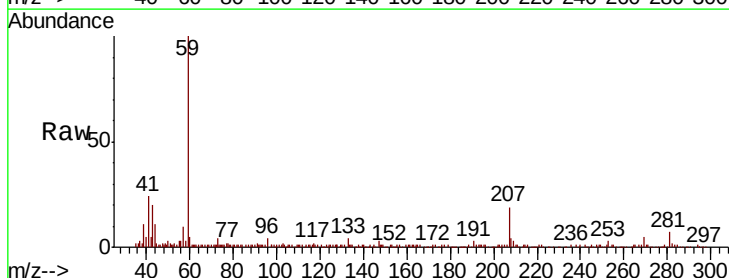
Acq: 23 Apr 2020 01:41

Tgt Ion: 59 Resp: 64967

Ion Ratio Lower Upper

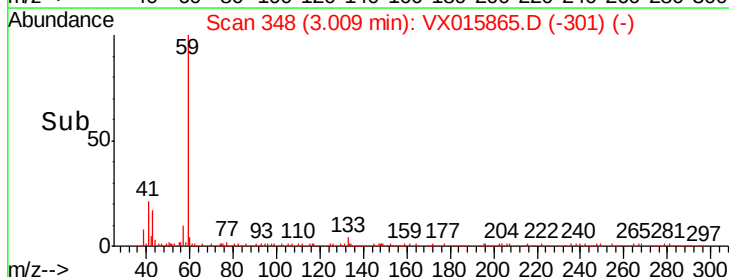
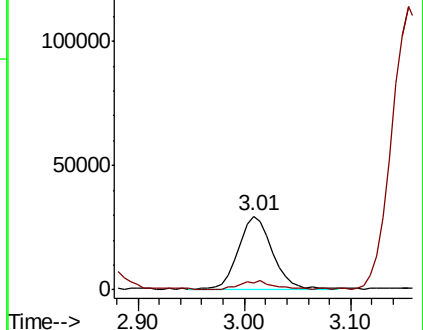
59 100

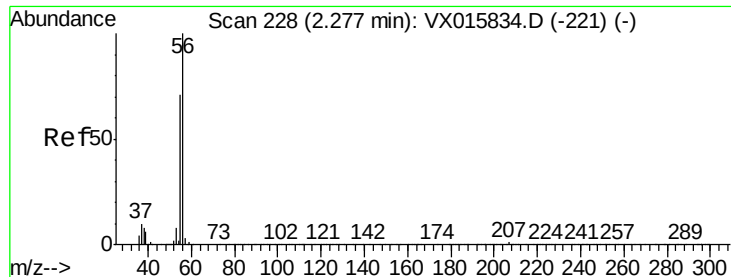
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

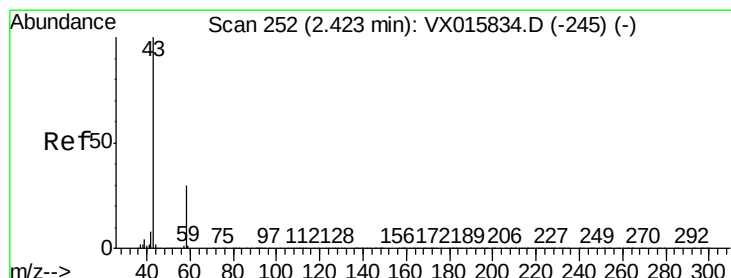
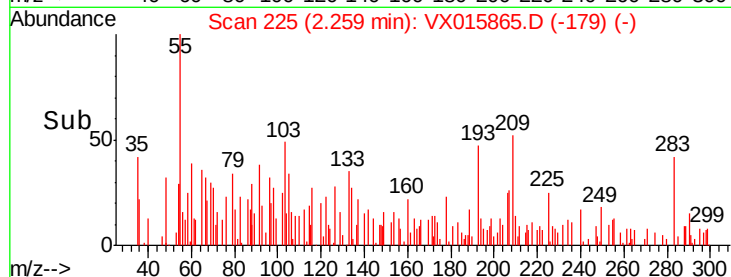
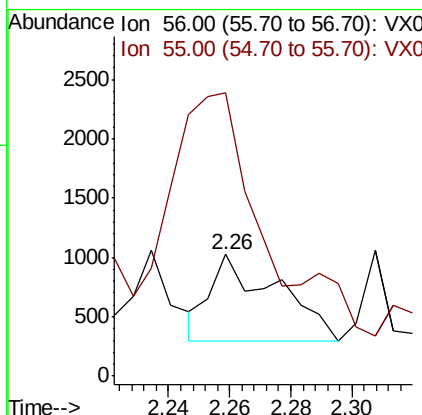
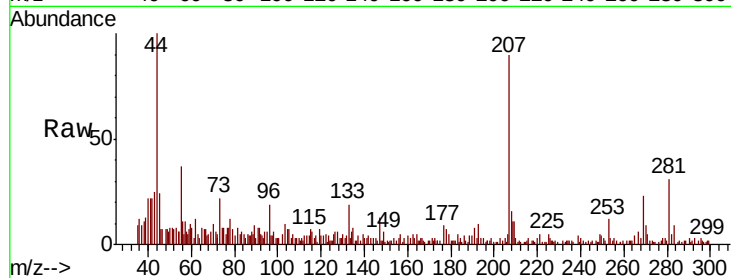




#13
Acrolein
Concen: 0.854 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

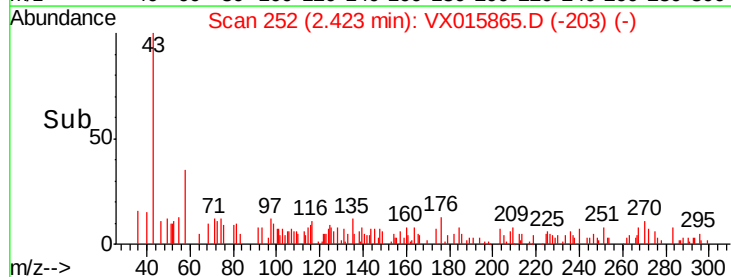
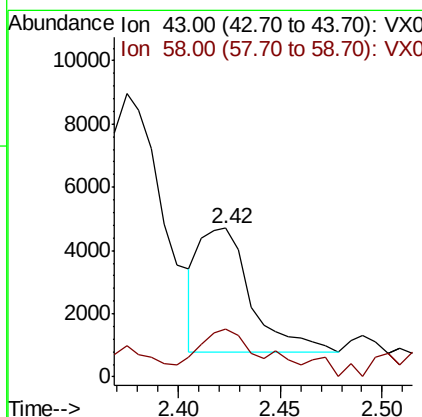
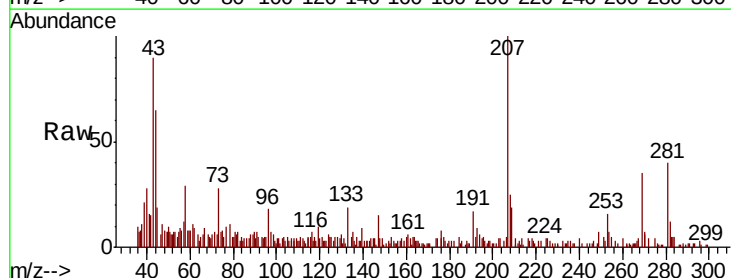
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

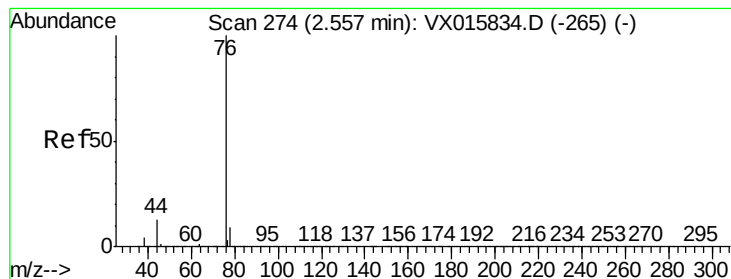
Tot Ion: 56.00 Resp: 1102
Ion Ratio Lower Upper
56 100
55 388.5 56.1 84.1#



#16
Acetone
Concen: 1.501 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion: 43 Resp: 6977
Ion Ratio Lower Upper
43 100
58 38.3 24.0 36.0#





#17

Carbon Disulfide

Concen: 0.688 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

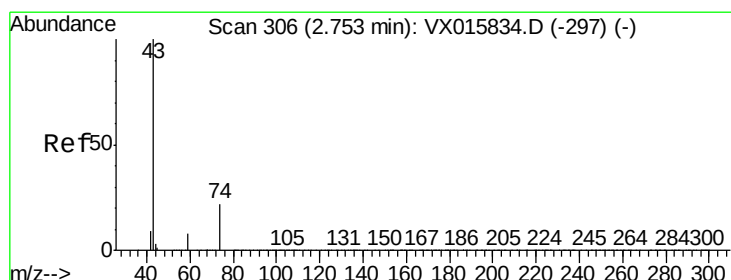
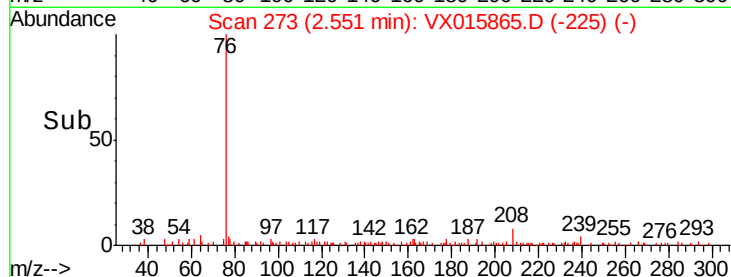
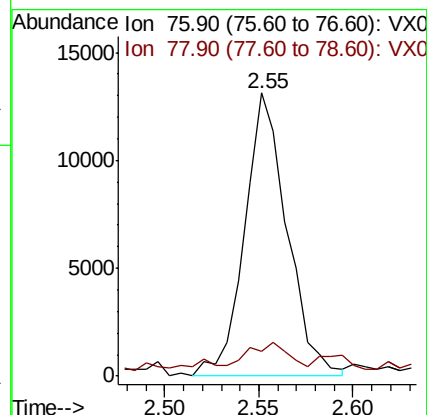
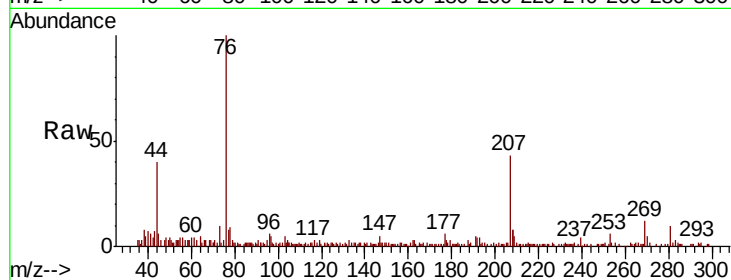
KY001MW029-200421

Tot Ion: 76 Resp: 20548

Ion Ratio Lower Upper

76 100

78 6.0 7.4 11.2#



#18

Methyl Acetate

Concen: 7.998 ug/l

RT: 2.83 min Scan# 318

Delta R.T. 0.07 min

Lab File: VX015865.D

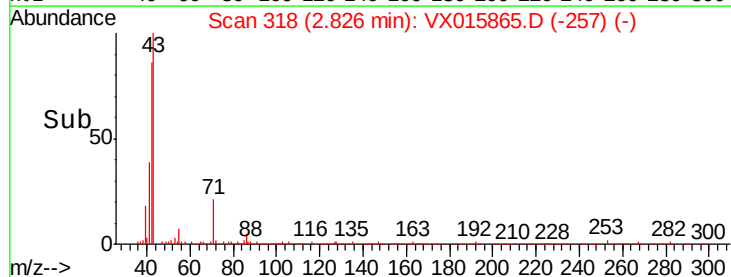
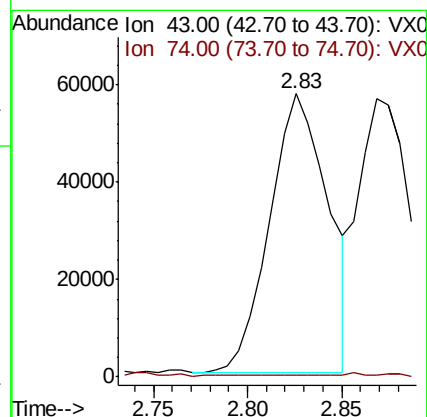
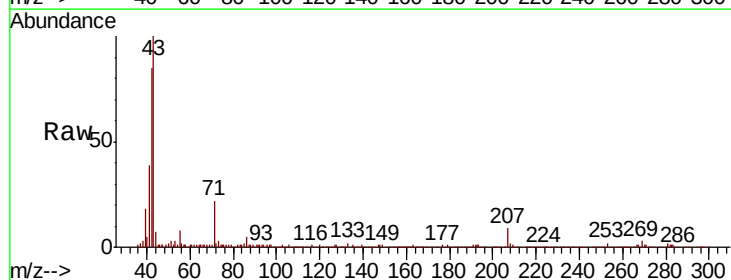
Acq: 23 Apr 2020 01:41

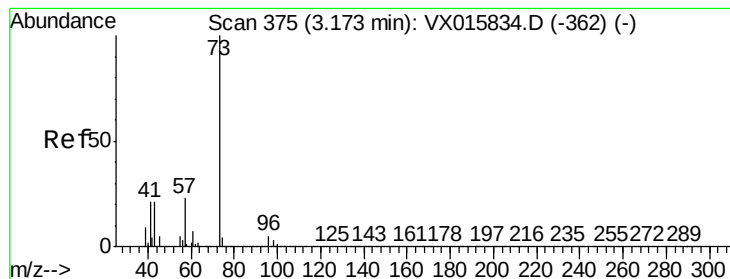
Tgt Ion: 43 Resp: 122704

Ion Ratio Lower Upper

43 100

74 0.0 17.9 26.9#



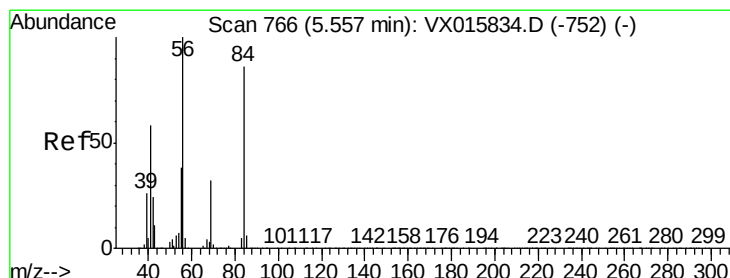
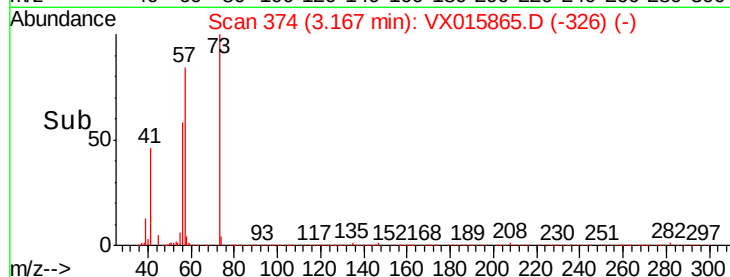
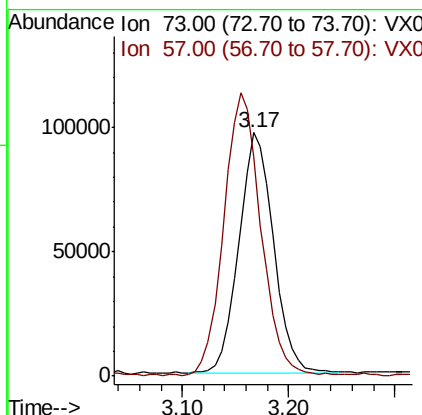
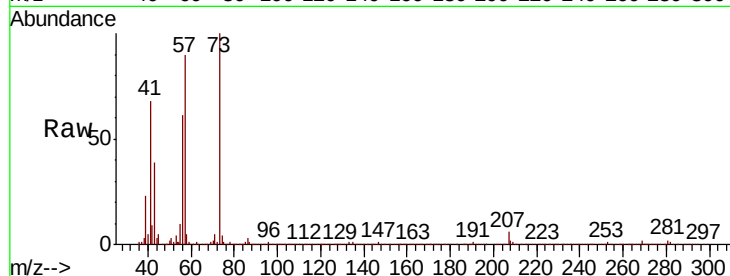


#19

Methyl tert-butyl Ether
 Concen: 7.601 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421

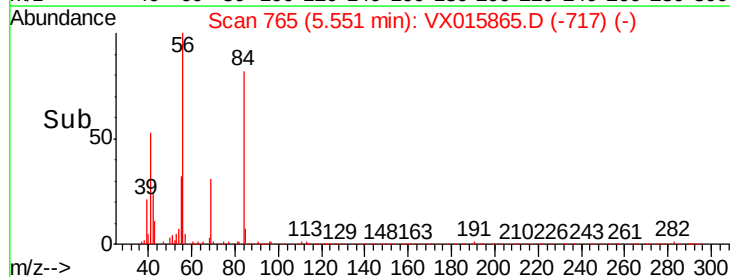
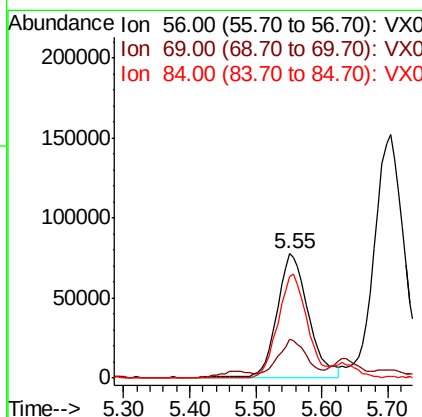
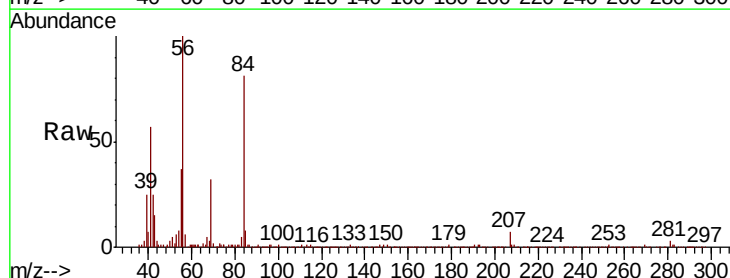
Tot Ion: 73 Resp: 220555
 Ion Ratio Lower Upper
 73 100
 57 90.8 18.1 27.1#

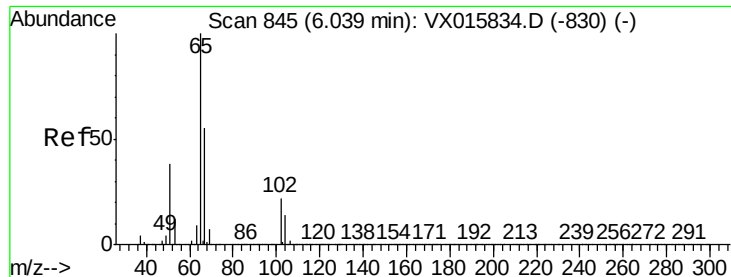


#31

Cyclohexane
 Concen: 16.316 ug/l
 RT: 5.55 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

Tgt Ion: 56 Resp: 254411
 Ion Ratio Lower Upper
 56 100
 69 31.2 25.3 37.9
 84 81.5 69.1 103.7

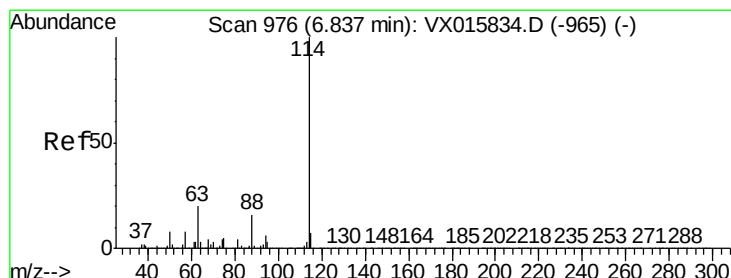
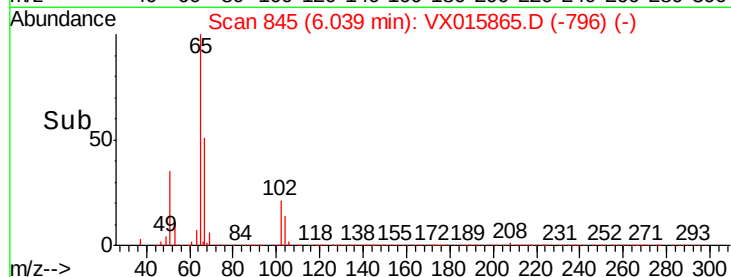
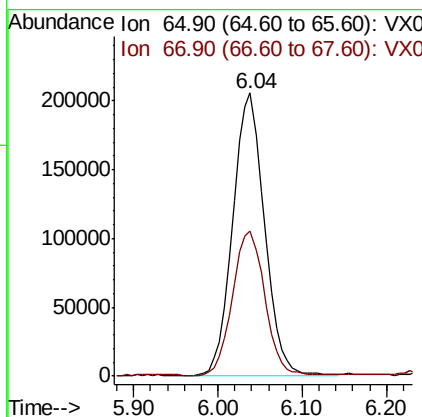
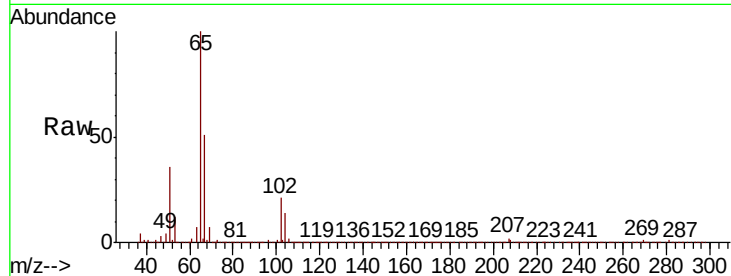




#33
 1,2-Dichloroethane-d4
 Concen: 49.359 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

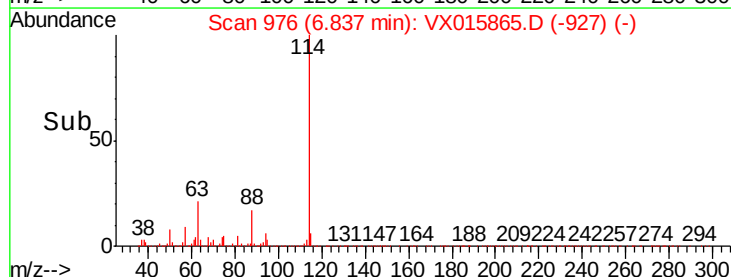
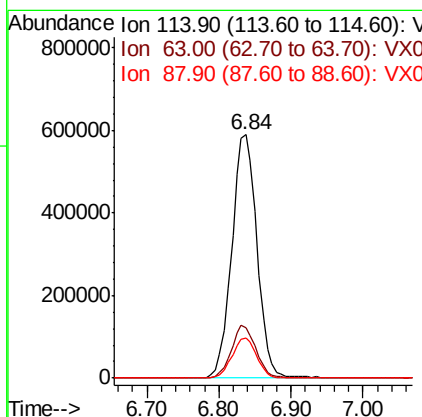
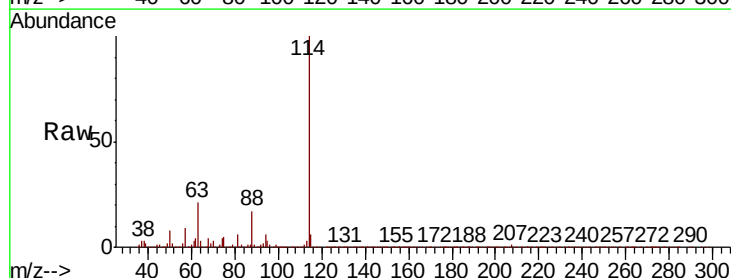
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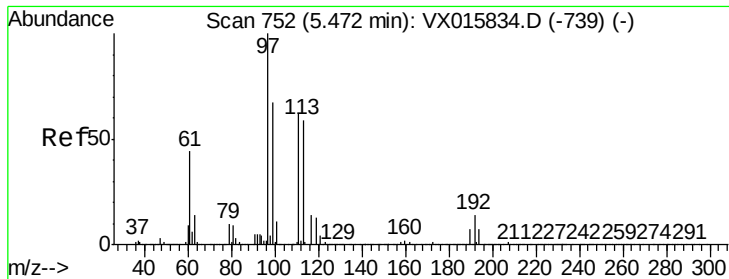
Tot Ion: 65 Resp: 526784
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

Tgt Ion: 114 Resp: 1432770
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.6
 88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.921 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

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ClientSampleId :

KY001MW029-200421

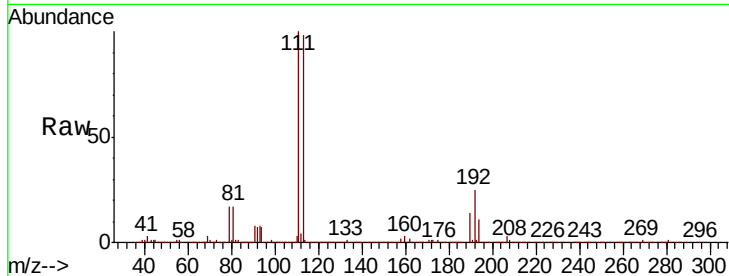
Tot Ion:113 Resp: 421129

Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

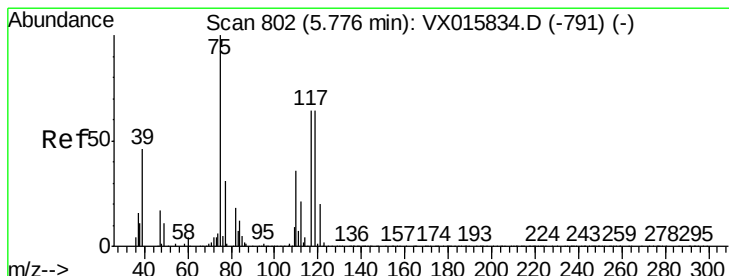
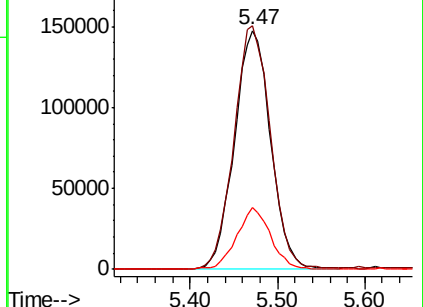
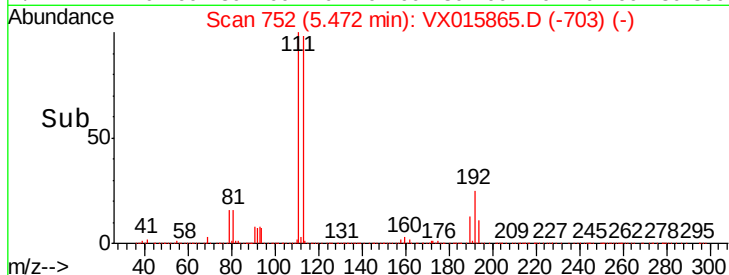
192 24.0 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.051 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.15 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

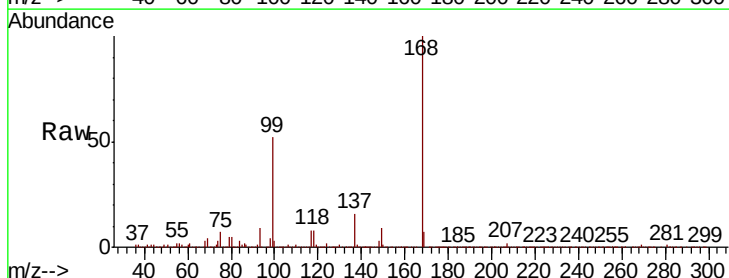
Tgt Ion: 75 Resp: 64159

Ion Ratio Lower Upper

75 100

110 11.1 17.9 53.8#

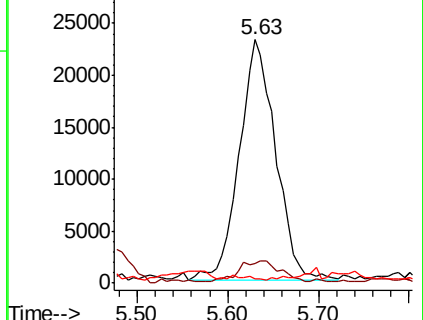
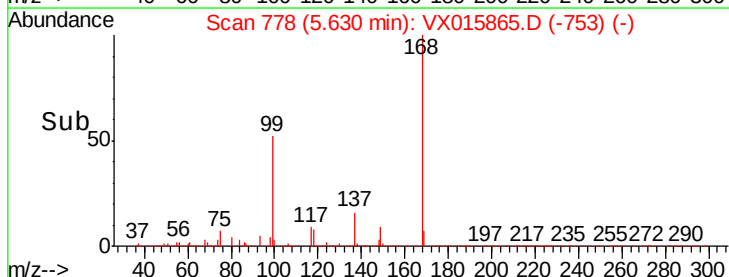
77 0.0 24.5 36.7#

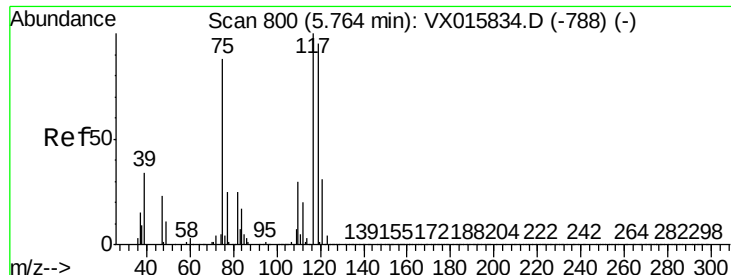


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

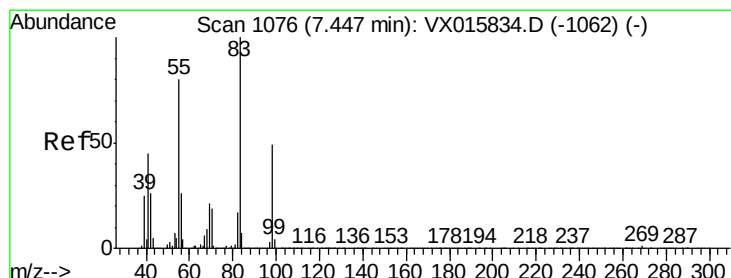
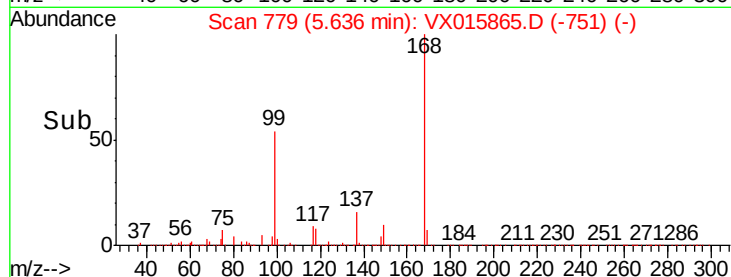
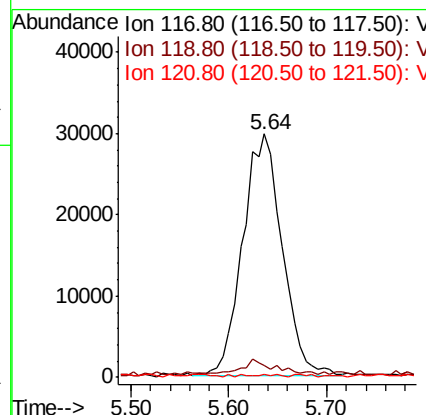
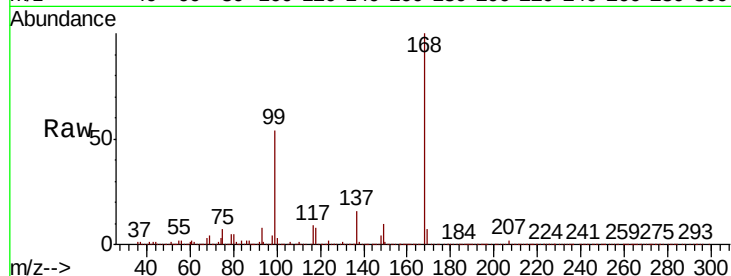




#38
Carbon Tetrachloride
Concen: 6.632 ug/l
RT: 5.64 min Scan# 779
Delta R.T. -0.13 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

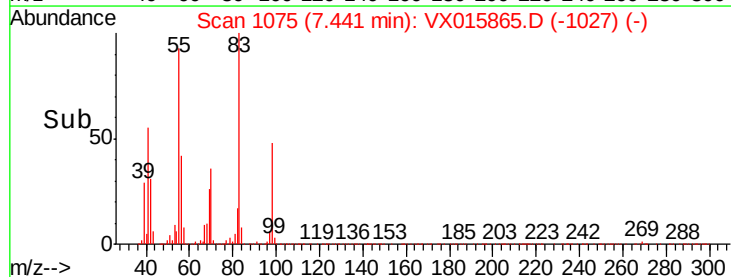
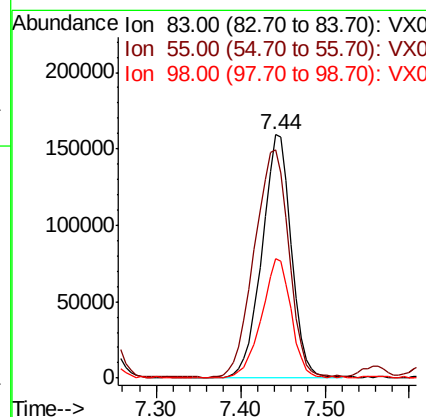
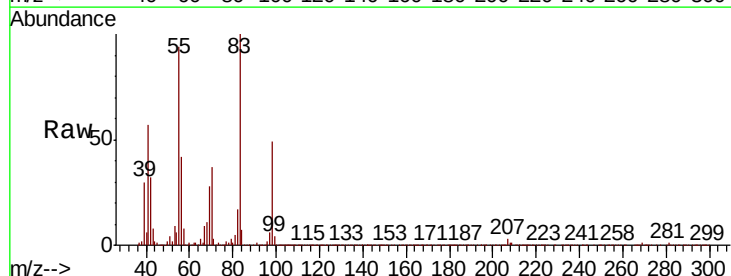
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

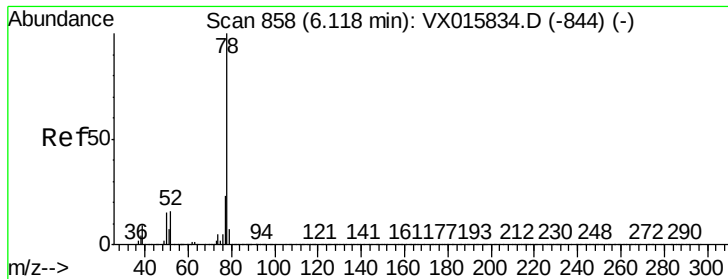
Tot Ion:117 Resp: 82975
Ion Ratio Lower Upper
117 100
119 3.3 75.7 113.5#
121 0.4 25.0 37.6#



#39
Methylcyclohexane
Concen: 23.574 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion: 83 Resp: 379190
Ion Ratio Lower Upper
83 100
55 93.1 64.2 96.4
98 48.7 39.3 58.9





#40

Benzene

Concen: 3.634 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

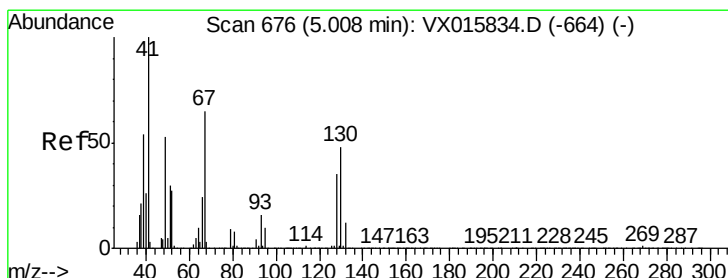
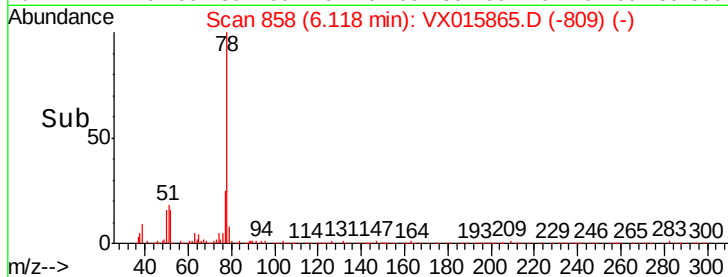
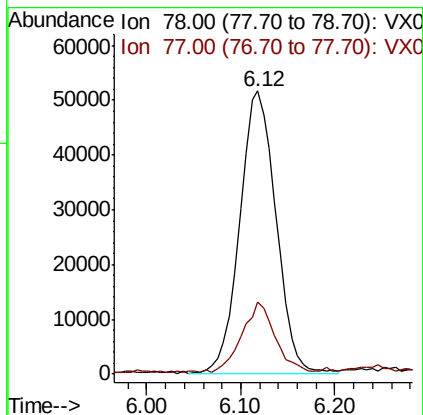
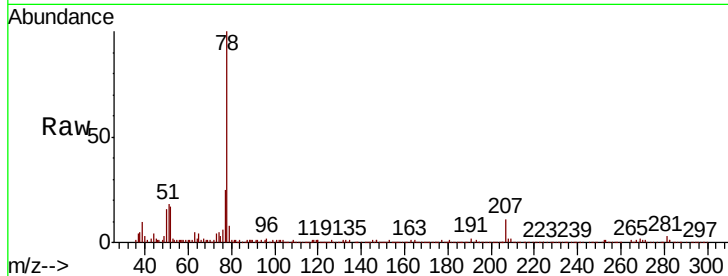
KY001MW029-200421

Tot Ion: 78 Resp: 139015

Ion Ratio Lower Upper

78 100

77 24.3 18.6 27.8



#41

Methacrylonitrile

Concen: 0.322 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.02 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Tgt Ion: 41 Resp: 2706

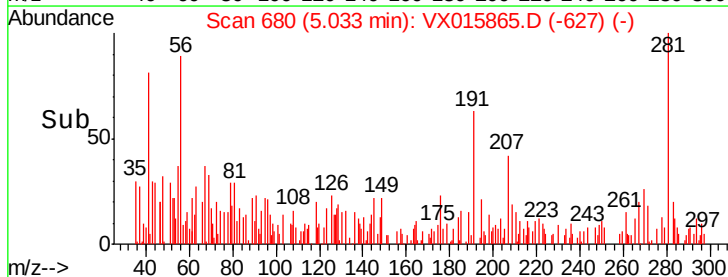
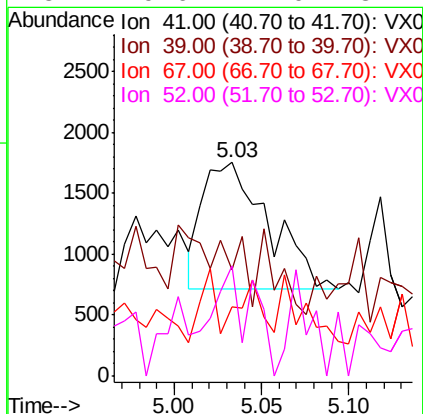
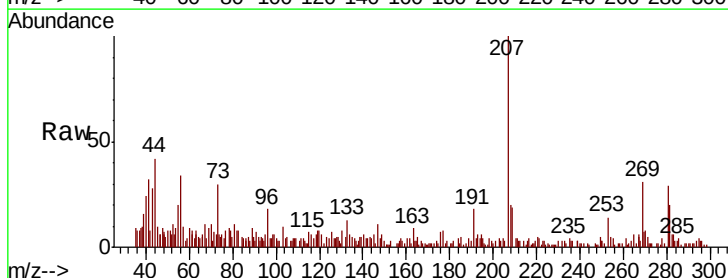
Ion Ratio Lower Upper

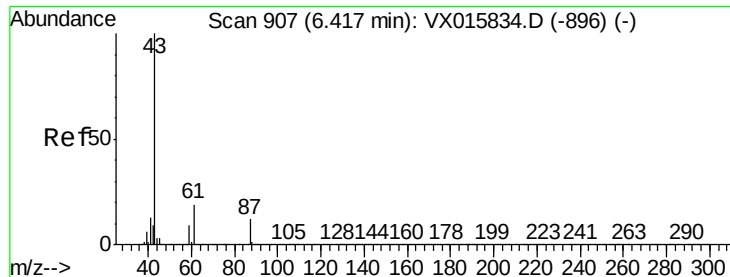
41 100

39 0.0 42.4 63.6#

67 0.0 51.9 77.9#

52 49.6 21.0 31.4#





#43

Isopropyl Acetate

Concen: 0.727 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.02 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421

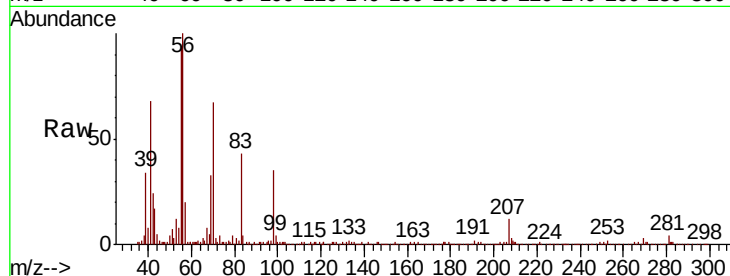
Tot Ion: 43 Resp: 18546

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.2#

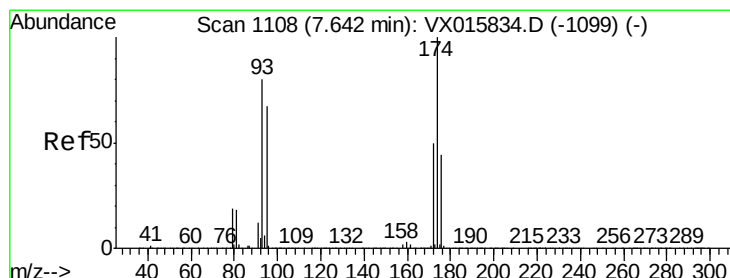
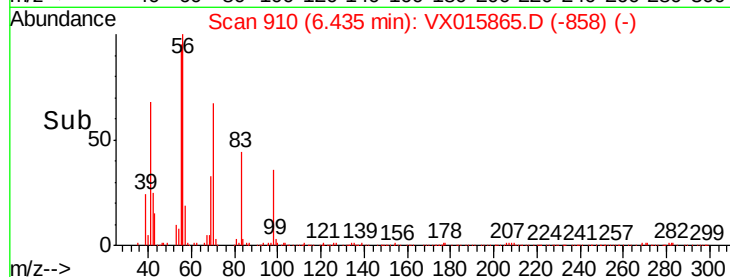
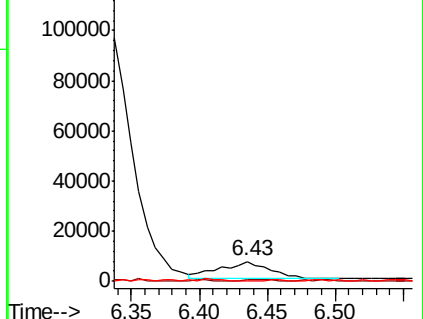
87 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#46

Dibromomethane

Concen: 0.317 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.02 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

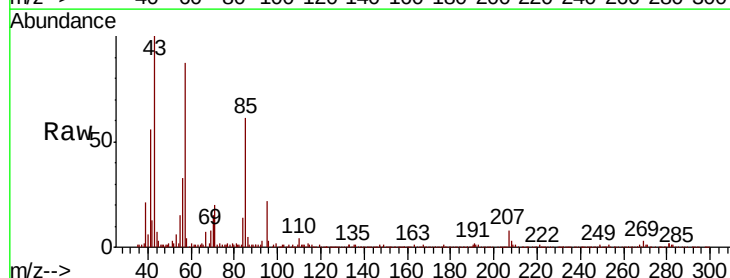
Tgt Ion: 93 Resp: 2319

Ion Ratio Lower Upper

93 100

95 1185.3 65.8 98.8#

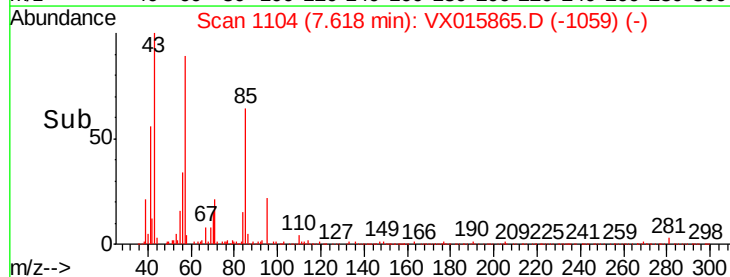
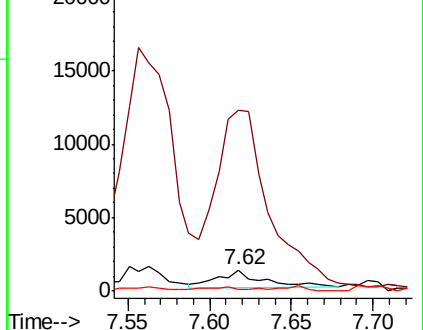
174 12.6 95.6 143.4#

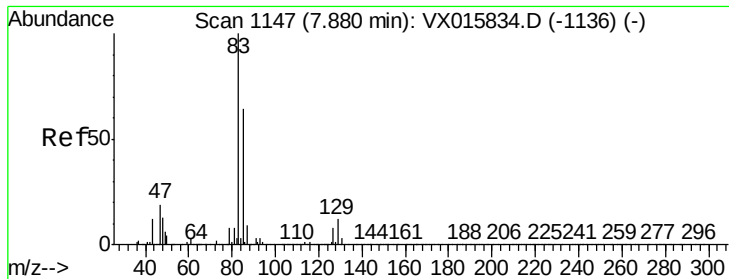


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.581 ug/l

RT: 7.82 min Scan# 1137

Delta R.T. -0.06 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421

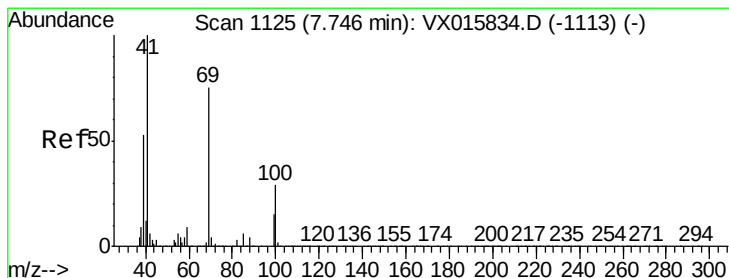
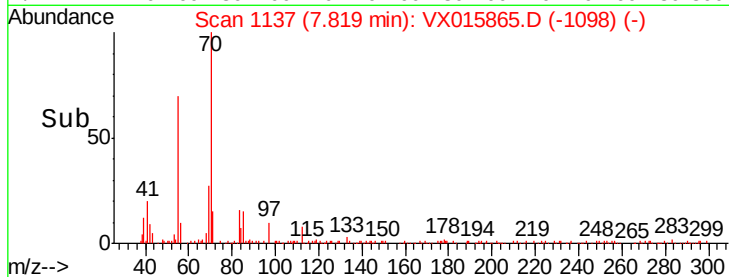
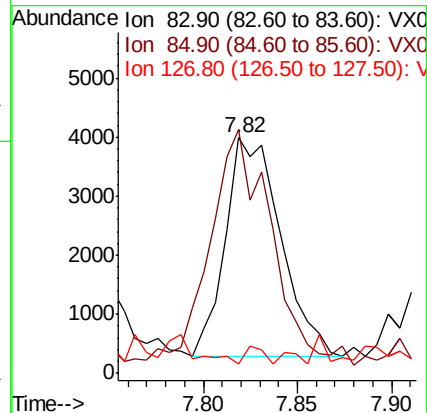
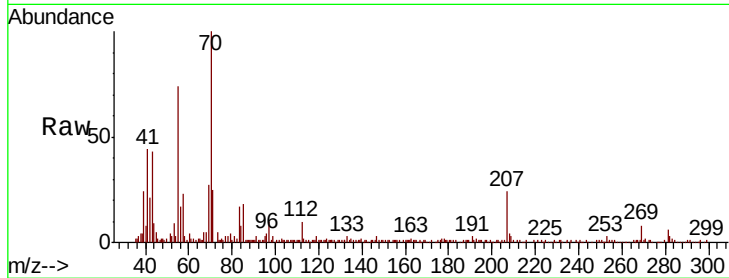
Tot Ion: 83 Resp: 7563

Ion Ratio Lower Upper

83 100

85 98.5 50.8 76.2#

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 4.113 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.03 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

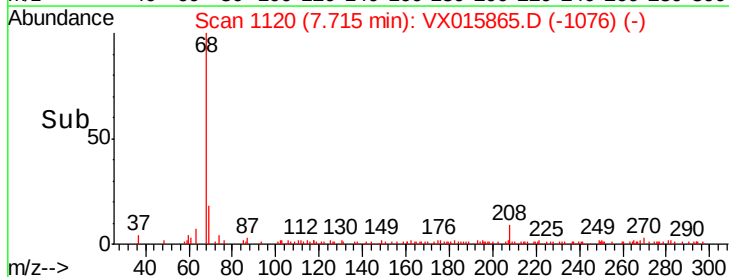
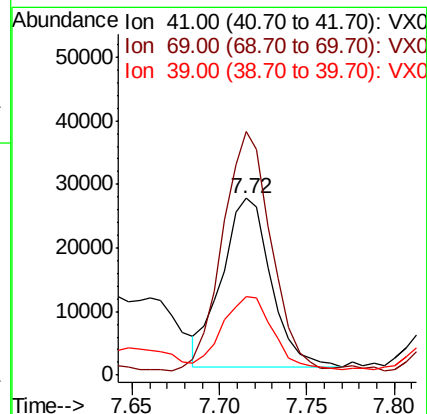
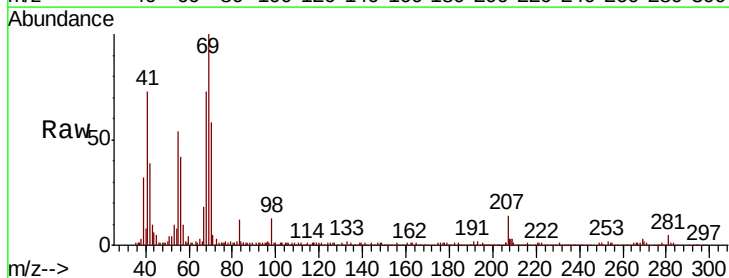
Tgt Ion: 41 Resp: 51590

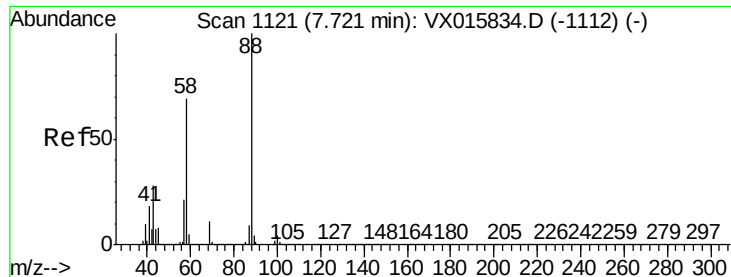
Ion Ratio Lower Upper

41 100

69 140.3 60.5 90.7#

39 44.6 42.1 63.1





#49

1,4-Dioxane

Concen: 1.071 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.02 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421

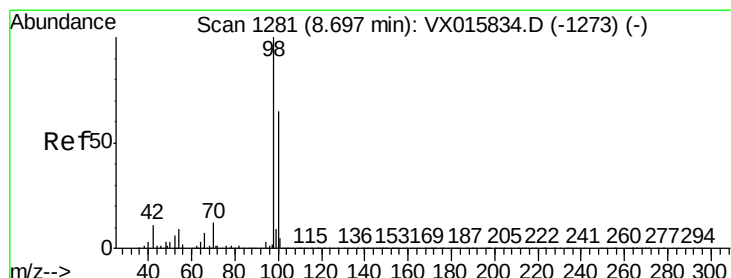
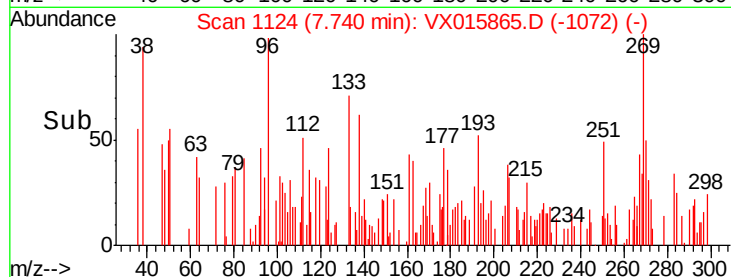
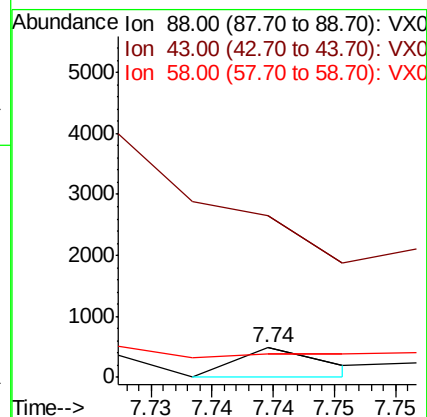
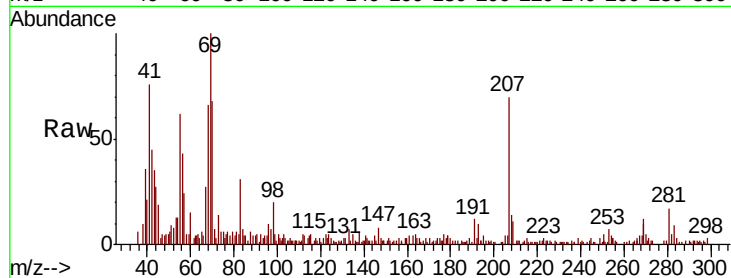
Tot Ion: 88 Resp: 254

Ion Ratio Lower Upper

88 100

43 0.0 28.2 42.4#

58 0.0 58.9 88.3#



#50

Toluene-d8

Concen: 52.553 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015865.D

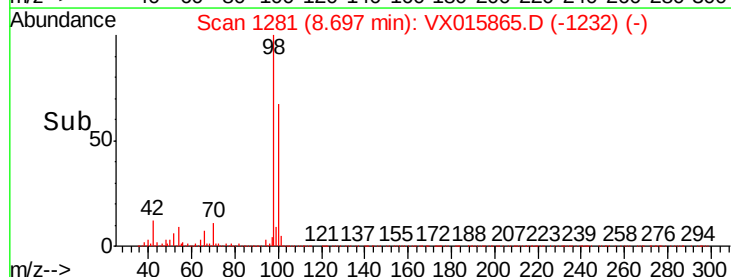
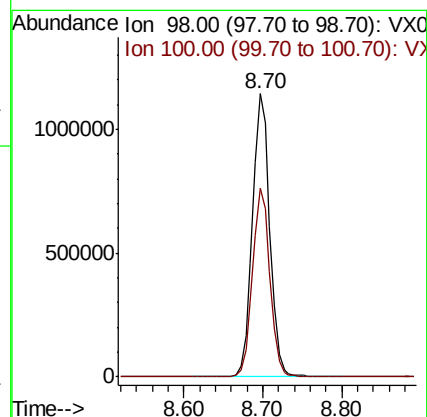
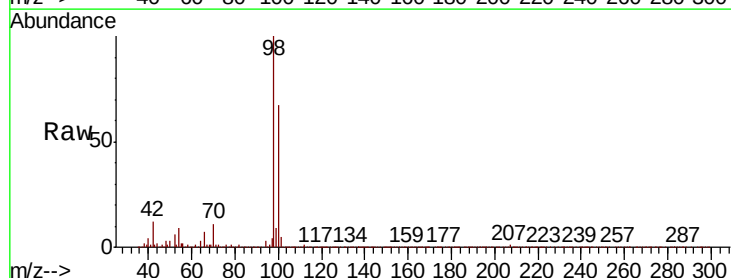
Acq: 23 Apr 2020 01:41

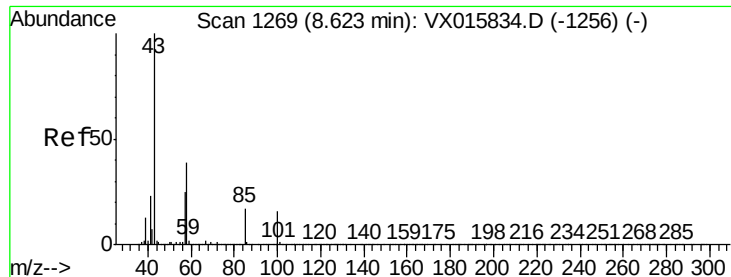
Tgt Ion: 98 Resp: 1749646

Ion Ratio Lower Upper

98 100

100 66.9 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 2.572 ug/l

RT: 8.67 min Scan# 1276

Delta R.T. 0.04 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

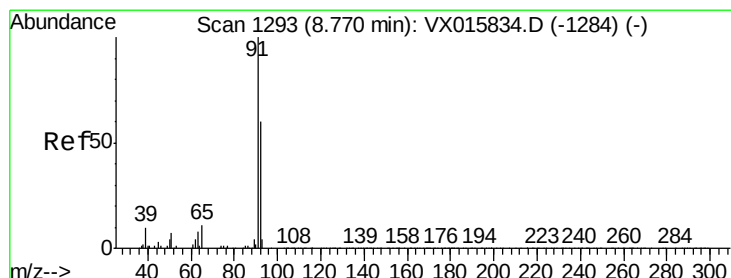
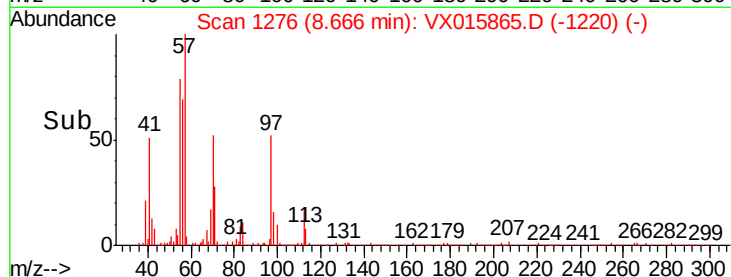
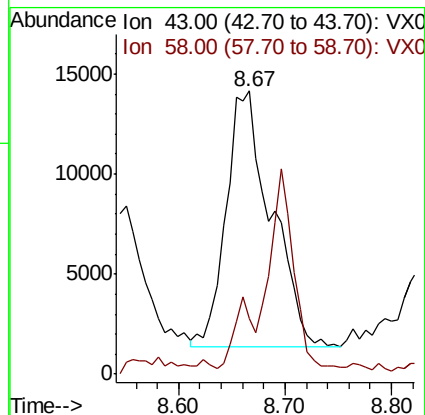
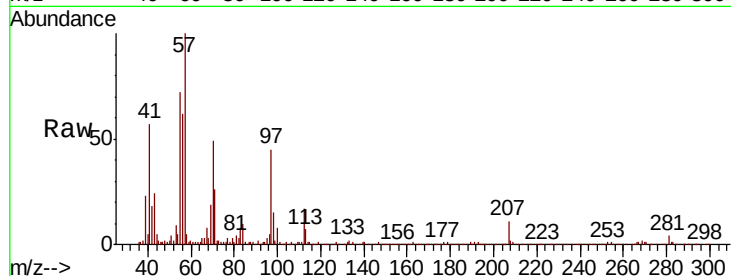
KY001MW029-200421

Tot Ion: 43 Resp: 37860

Ion Ratio Lower Upper

43 100

58 11.3 30.6 45.8#



#52

Toluene

Concen: 0.852 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015865.D

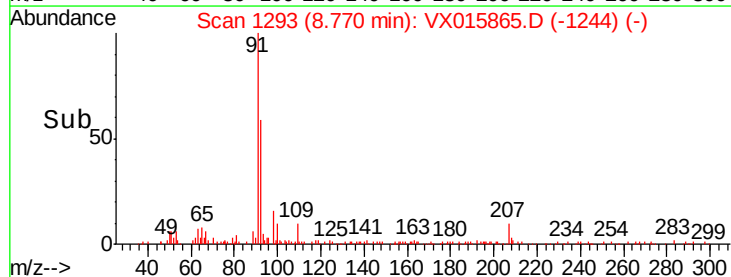
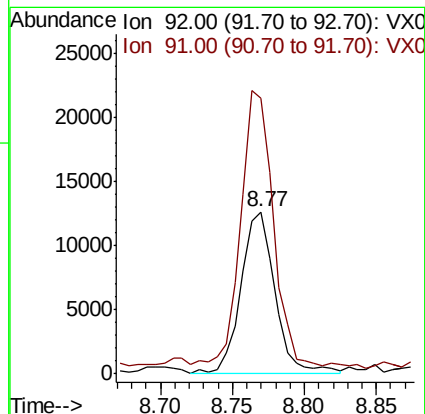
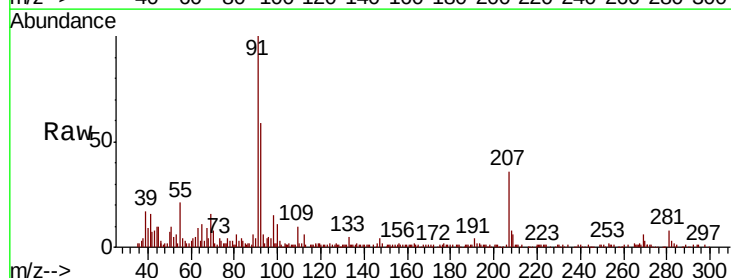
Acq: 23 Apr 2020 01:41

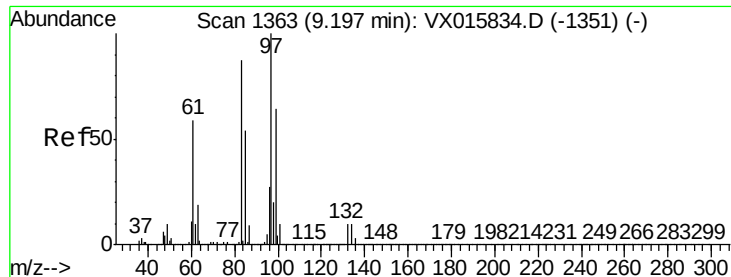
Tgt Ion: 92 Resp: 20903

Ion Ratio Lower Upper

92 100

91 158.0 133.4 200.0





#55

1,1,2-Trichloroethane

Concen: 12.637 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.05 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421

Tot Ion: 97 Resp: 121003

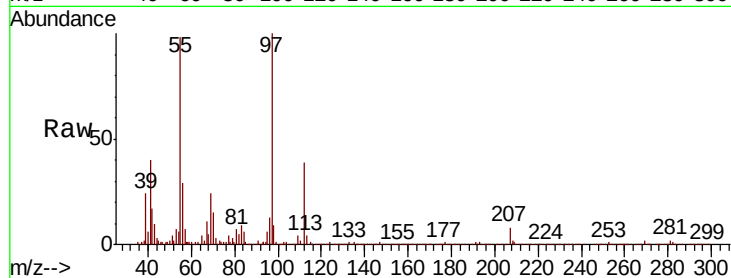
Ion Ratio Lower Upper

97 100

83 7.2 69.8 104.8#

85 0.0 43.4 65.2#

99 0.4 51.2 76.8#

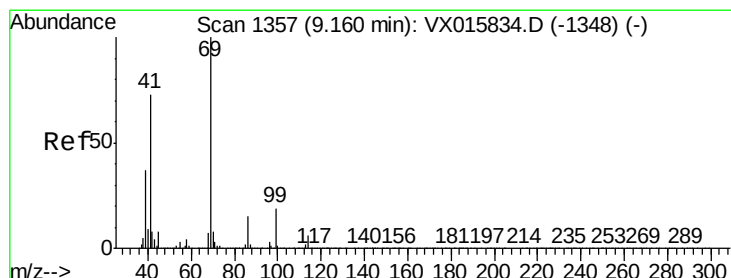
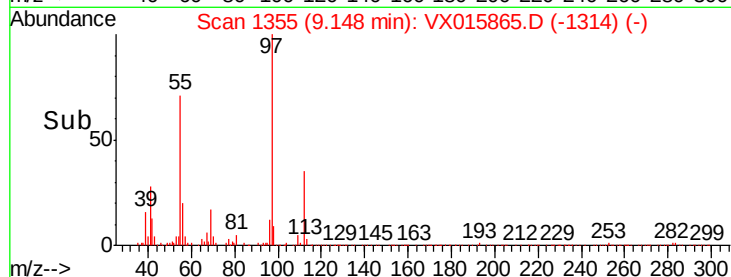
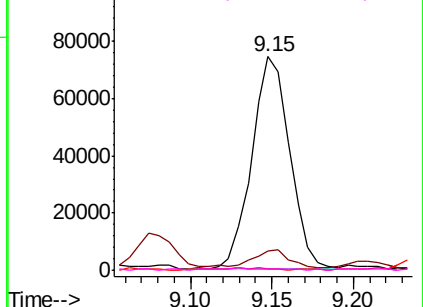


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 2.100 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

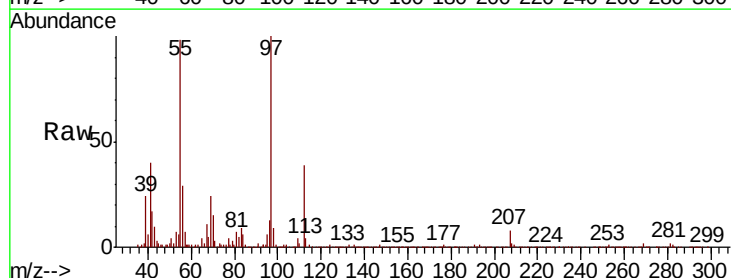
Tgt Ion: 69 Resp: 34065

Ion Ratio Lower Upper

69 100

41 161.3 57.4 86.2#

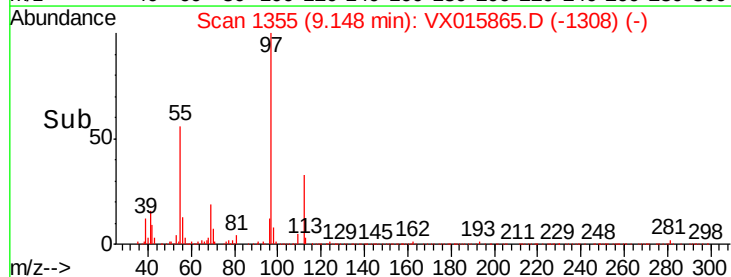
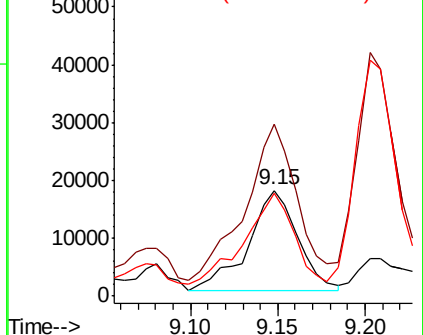
39 89.7 29.7 44.5#

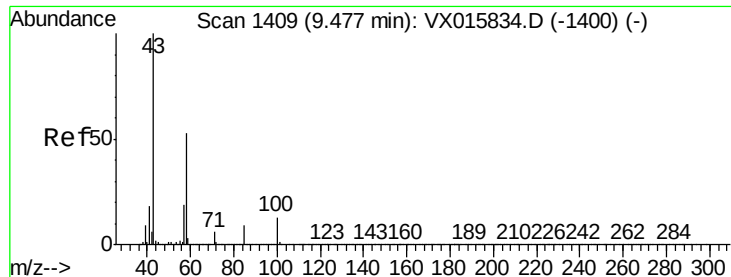


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

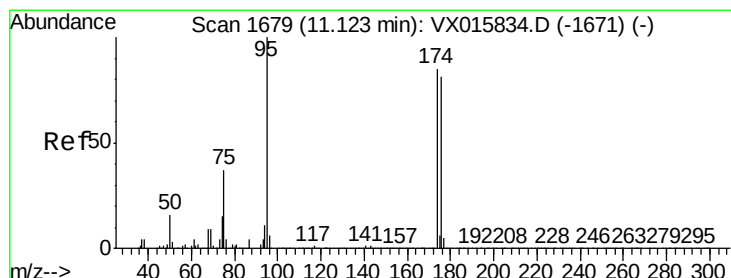
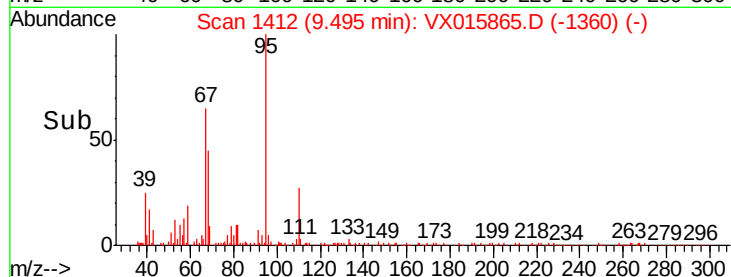
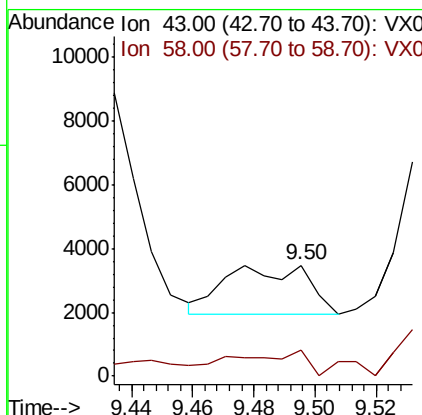
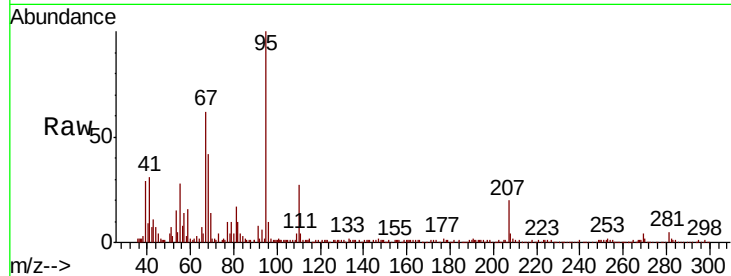




#59
2-Hexanone
Concen: 0.251 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.02 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

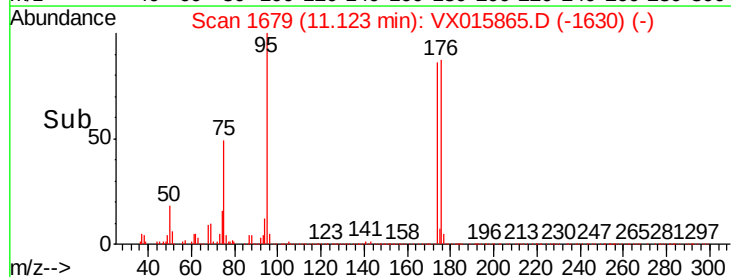
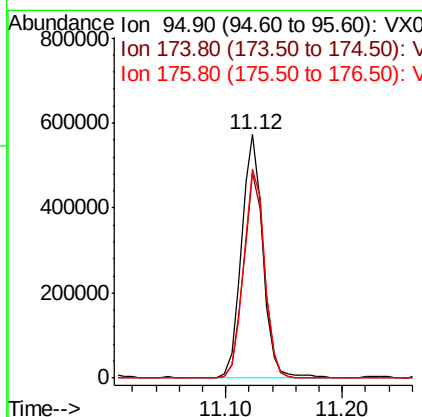
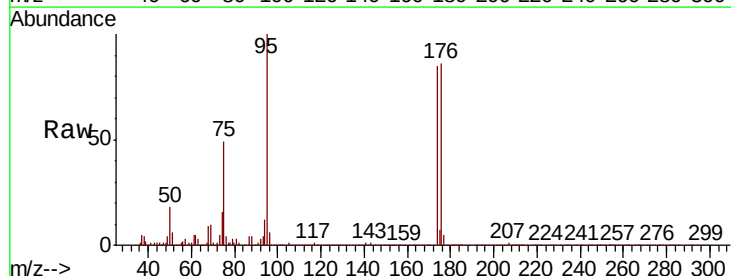
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

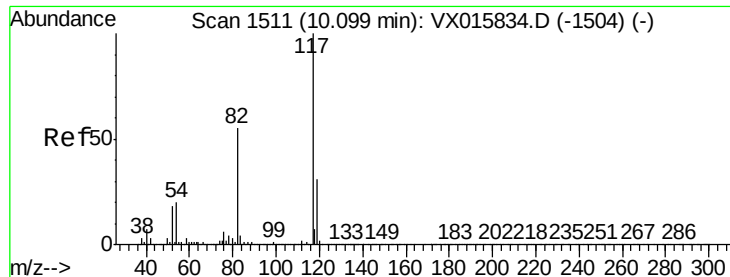
Tot Ion: 43 Resp: 2810
Ion Ratio Lower Upper
43 100
58 45.9 26.5 79.4



#62
4-Bromofluorobenzene
Concen: 53.252 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion: 95 Resp: 727308
Ion Ratio Lower Upper
95 100
174 83.2 0.0 172.4
176 85.1 0.0 167.0

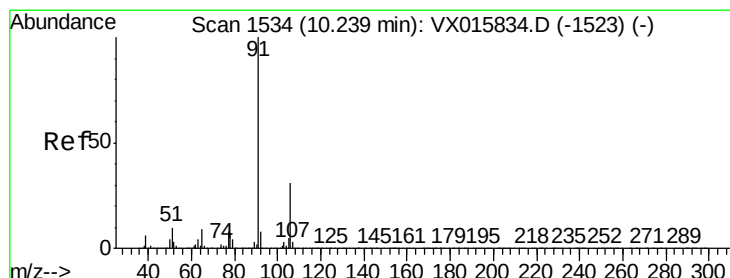
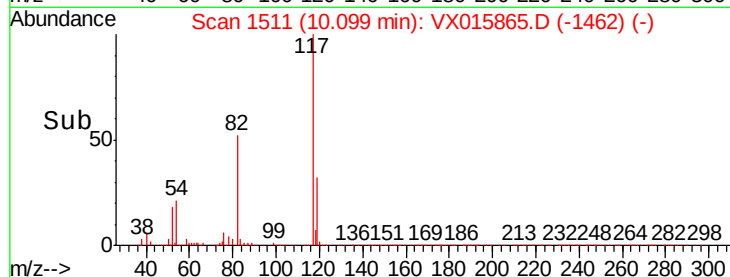
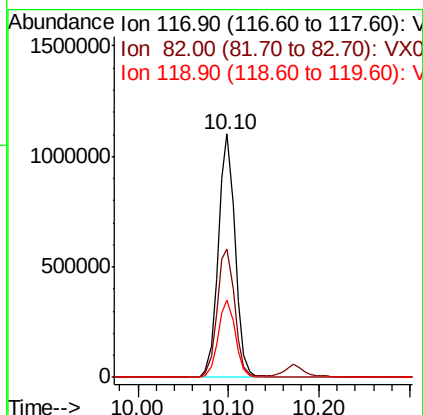
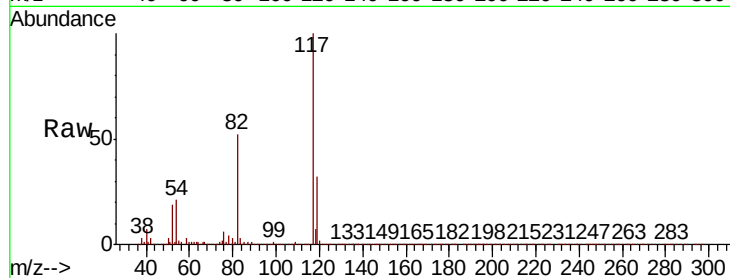




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

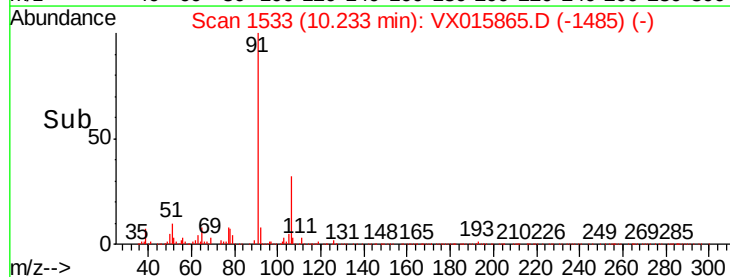
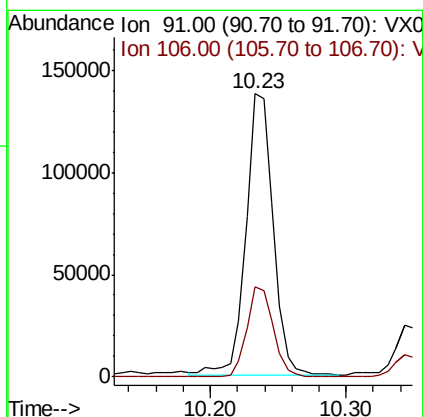
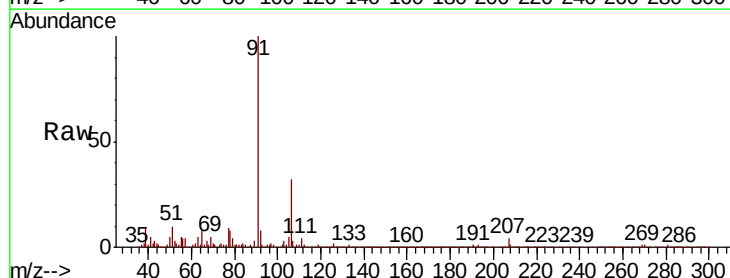
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

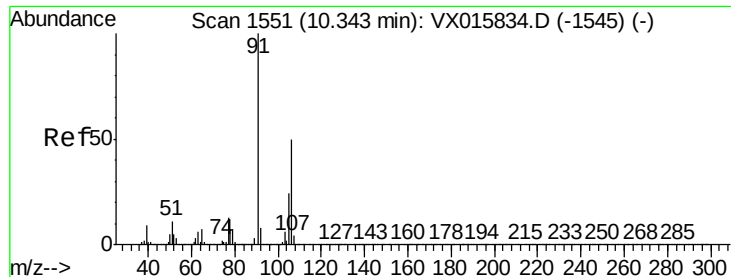
Tot Ion:117 Resp: 1431457
Ion Ratio Lower Upper
117 100
82 52.3 43.9 65.9
119 31.5 25.1 37.7



#67
Ethyl Benzene
Concen: 3.822 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion: 91 Resp: 192115
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4

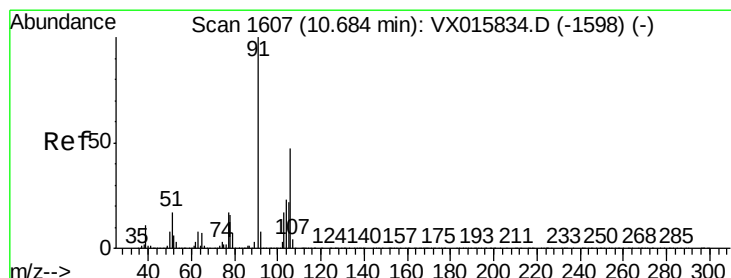
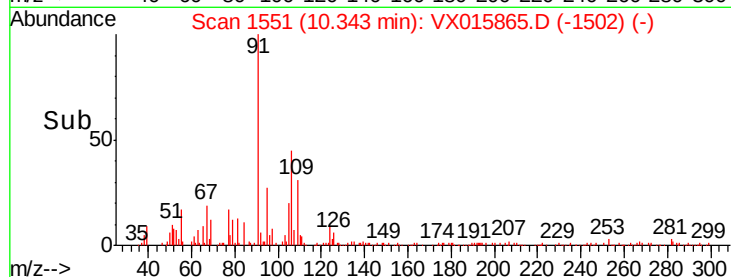
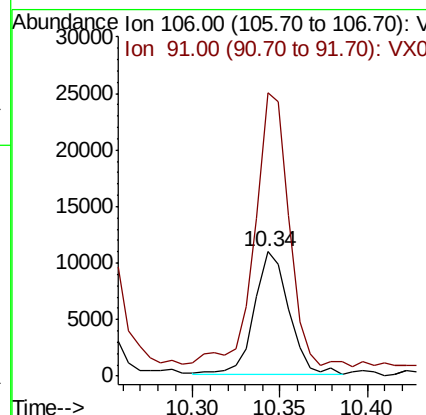
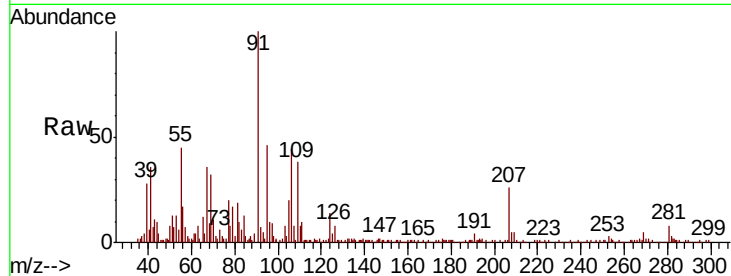




#68
m/p-Xylenes
Concen: 0.780 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

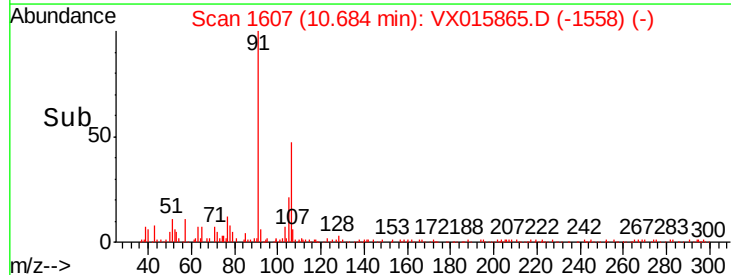
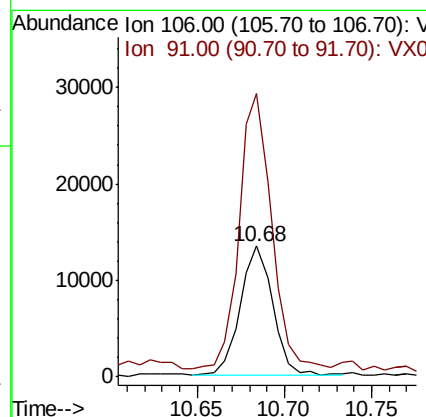
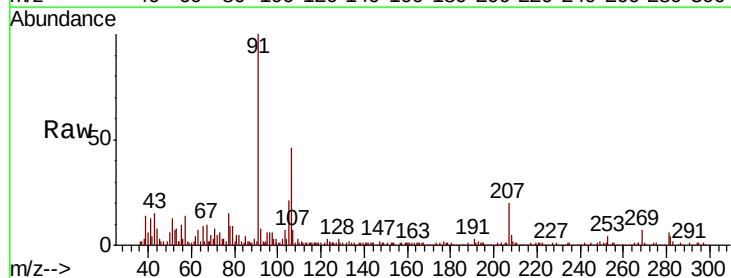
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

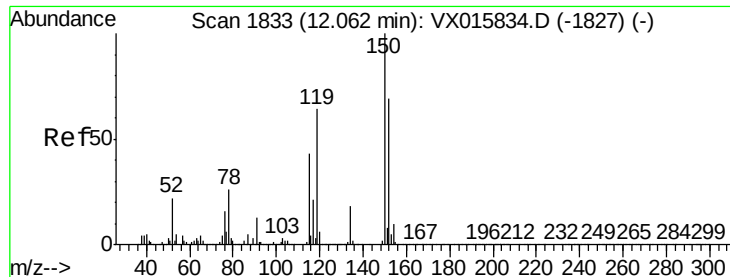
Tot Ion:106 Resp: 14712
Ion Ratio Lower Upper
106 100
91 224.2 161.1 241.7



#69
o-Xylene
Concen: 0.927 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion:106 Resp: 17203
Ion Ratio Lower Upper
106 100
91 210.0 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421

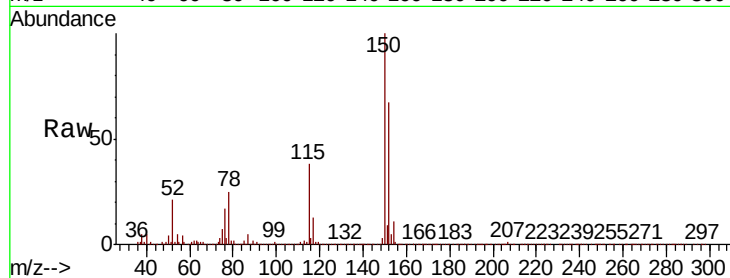
Tot Ion:152 Resp: 785448

Ion Ratio Lower Upper

152 100

115 56.8 39.0 116.9

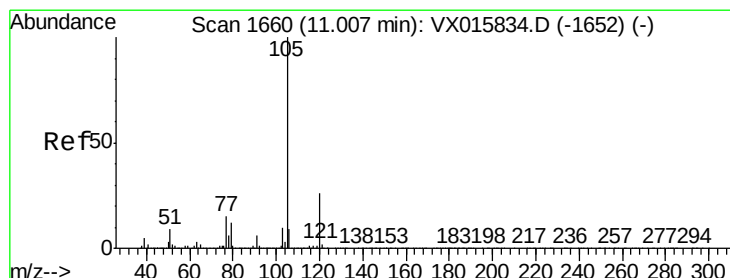
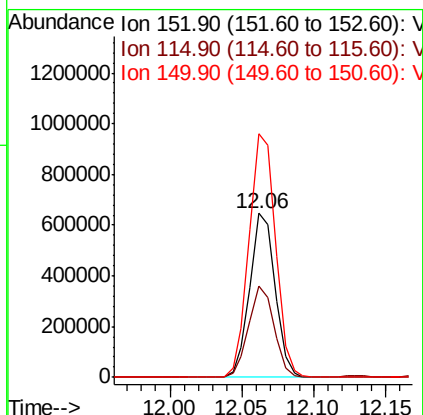
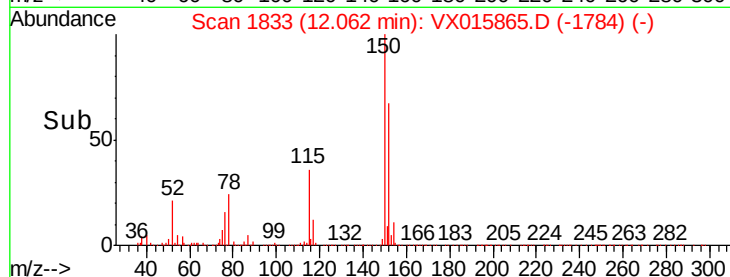
150 154.7 0.0 336.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 264.276 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015865.D

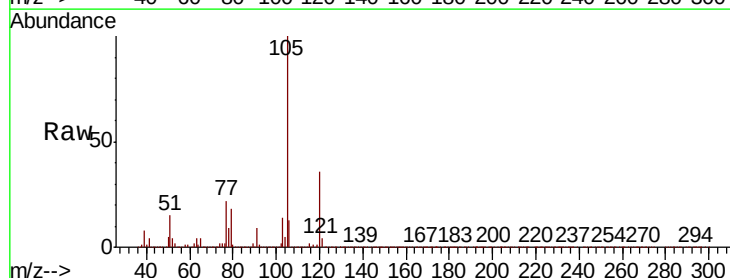
Acq: 23 Apr 2020 01:41

Tgt Ion:105 Resp:13183075

Ion Ratio Lower Upper

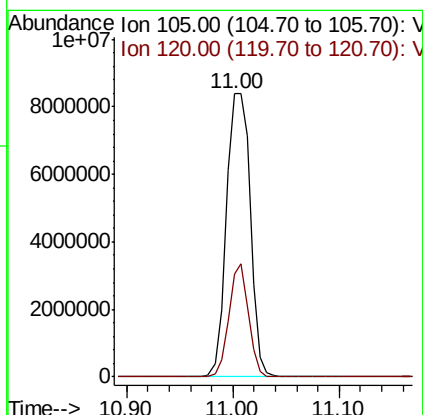
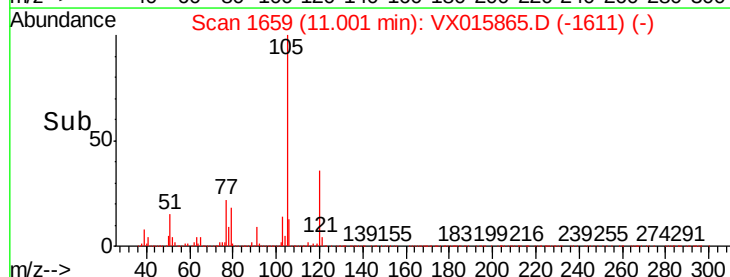
105 100

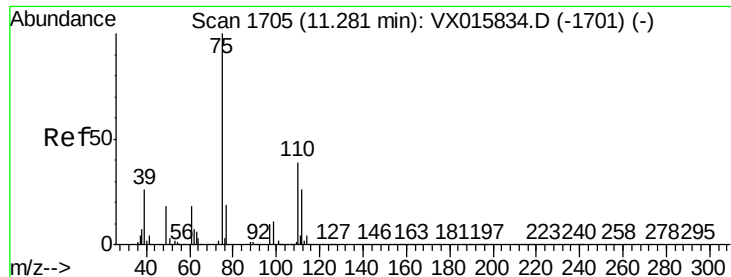
120 32.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

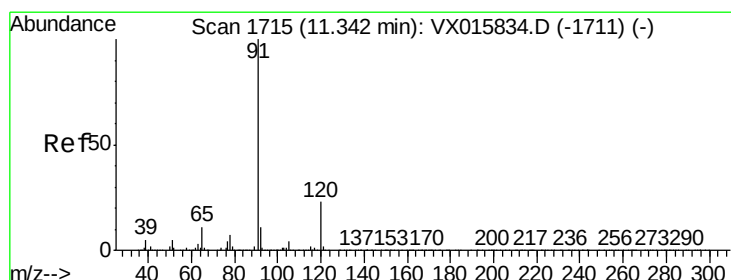
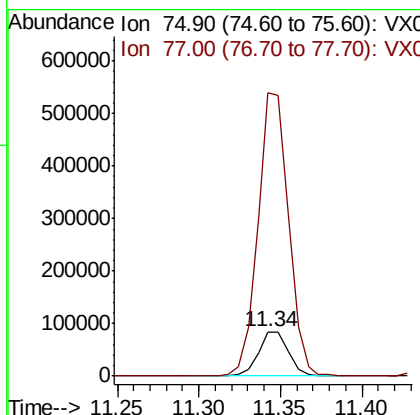
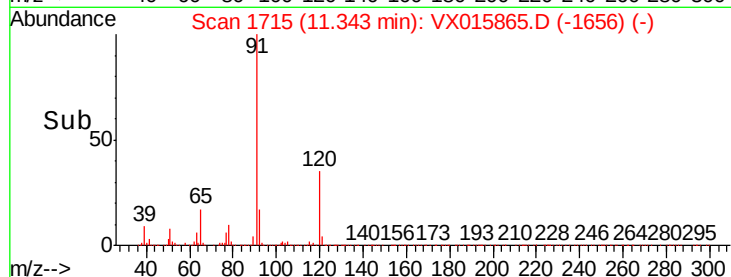
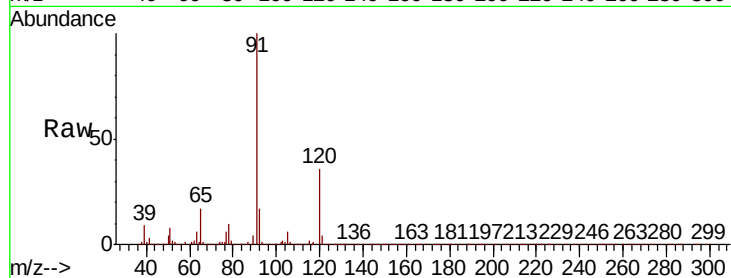




#76
 1,2,3-Trichloropropane
 Concen: 7.207 ug/l
 RT: 11.34 min Scan# 1715
 Delta R.T. 0.06 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

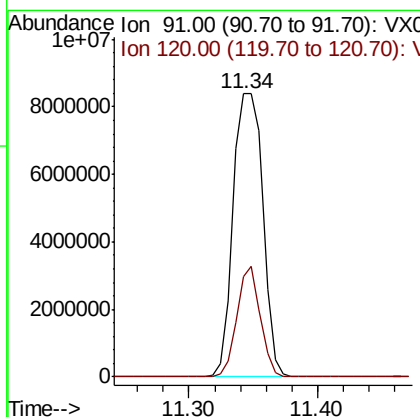
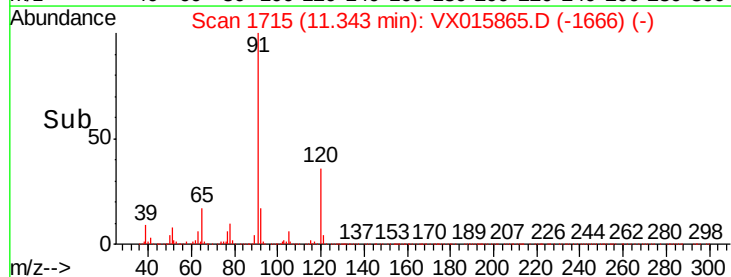
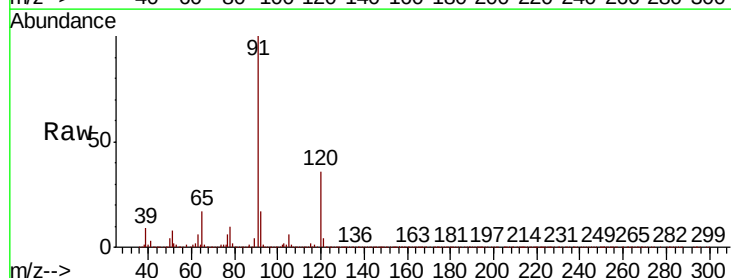
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421

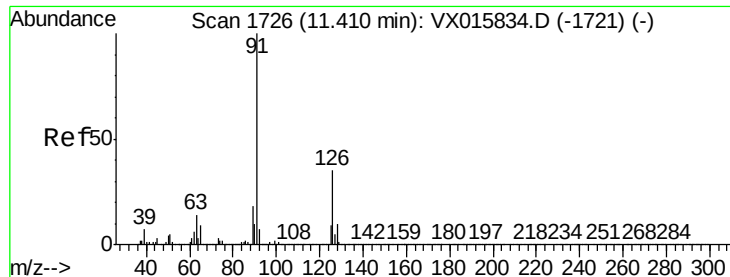
Tot Ion: 75 Resp: 107637
 Ion Ratio Lower Upper
 75 100
 77 650.2 21.3 63.9#



#78
 n-propylbenzene
 Concen: 235.631 ug/l
 RT: 11.34 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

Tgt Ion: 91 Resp: 13464949
 Ion Ratio Lower Upper
 91 100
 120 30.6 11.7 35.1





#79

2-Chlorotoluene

Concen: 392.271 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.07 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

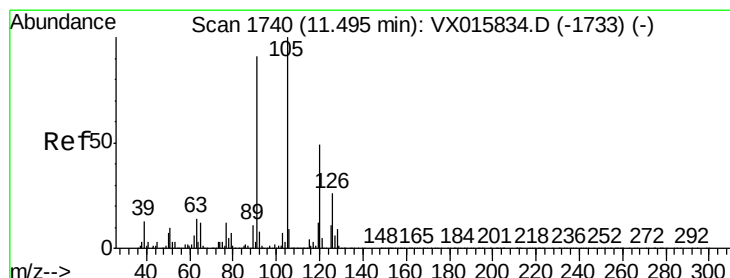
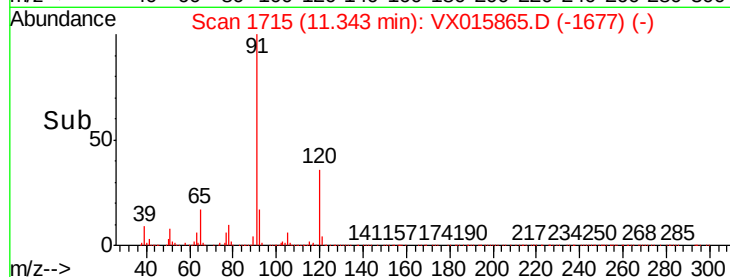
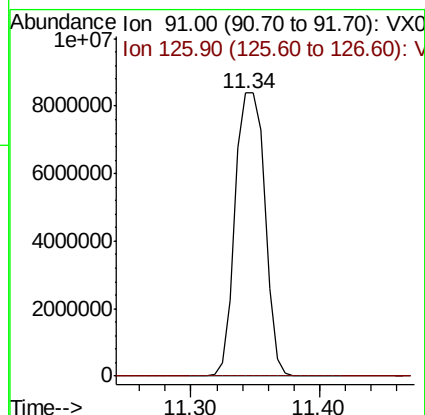
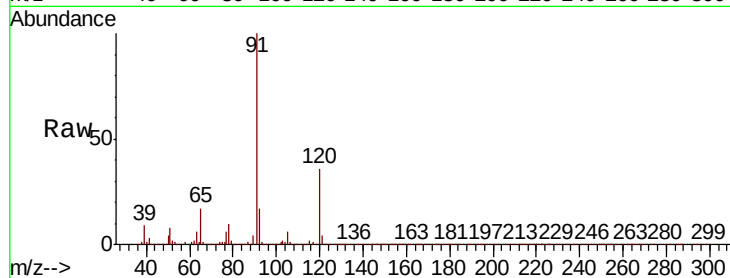
KY001MW029-200421

Tot Ion: 91 Resp: 13464949

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#



#80

1,3,5-Trimethylbenzene

Concen: 20.906 ug/l

RT: 11.65 min Scan# 1766

Delta R.T. 0.16 min

Lab File: VX015865.D

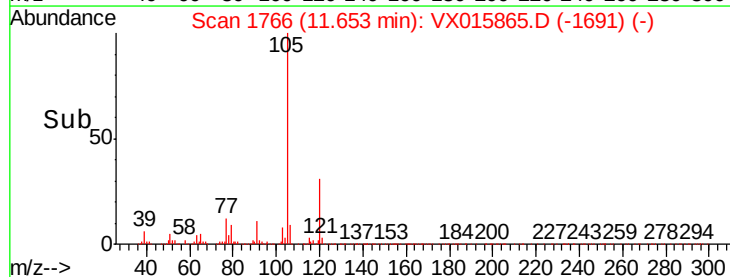
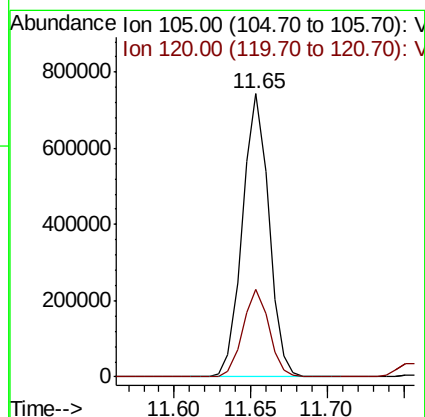
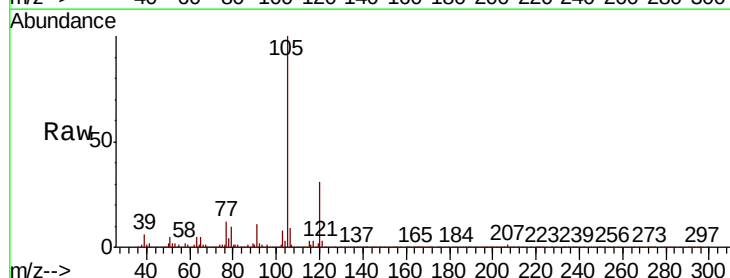
Acq: 23 Apr 2020 01:41

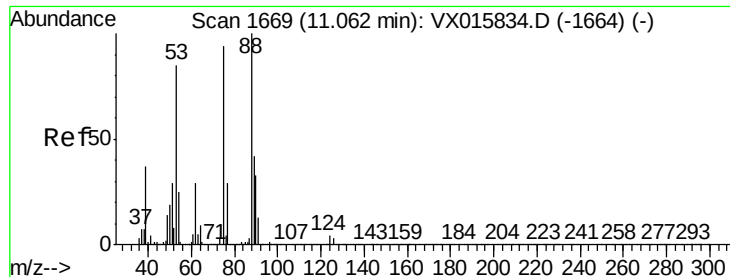
Tgt Ion: 105 Resp: 889224

Ion Ratio Lower Upper

105 100

120 30.4 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 30.781 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.05 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421

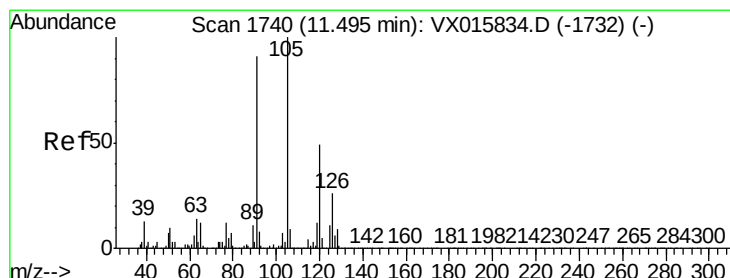
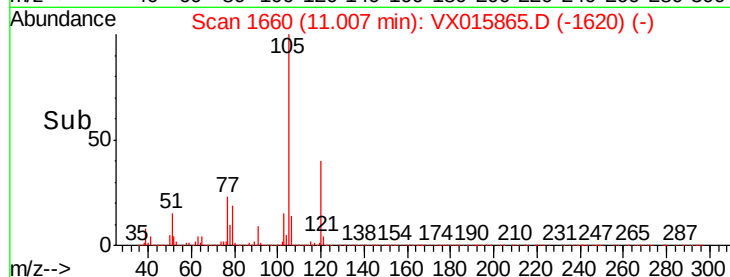
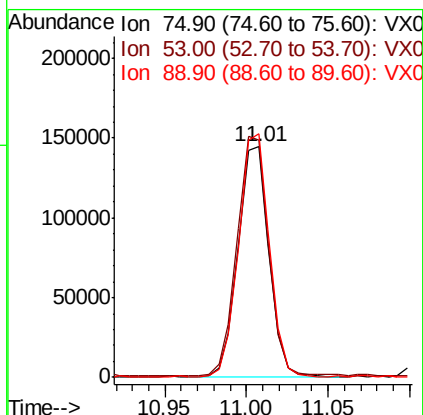
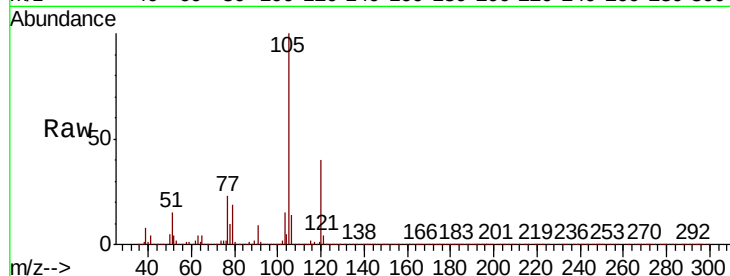
Tot Ion: 75 Resp: 191119

Ion Ratio Lower Upper

75 100

53 106.8 74.2 111.2

89 104.3 38.0 57.0#



#82

4-Chlorotoluene

Concen: 330.111 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.15 min

Lab File: VX015865.D

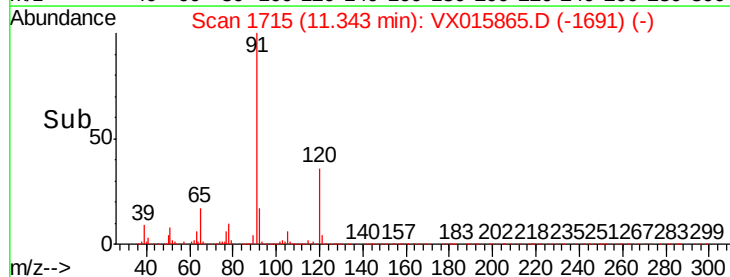
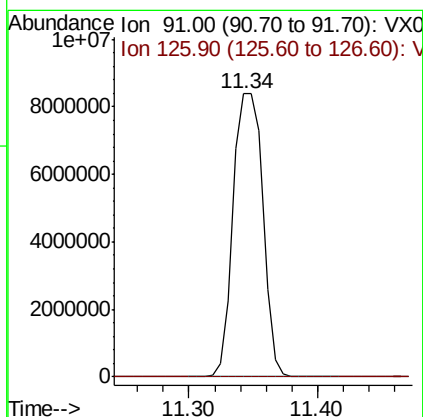
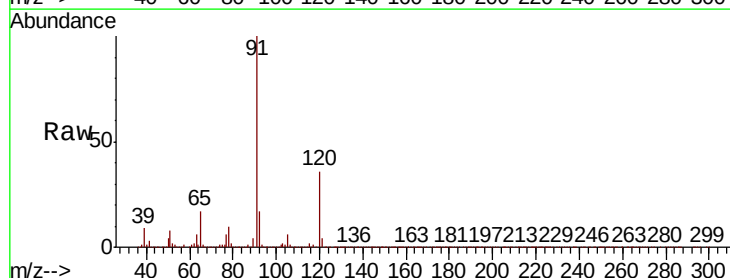
Acq: 23 Apr 2020 01:41

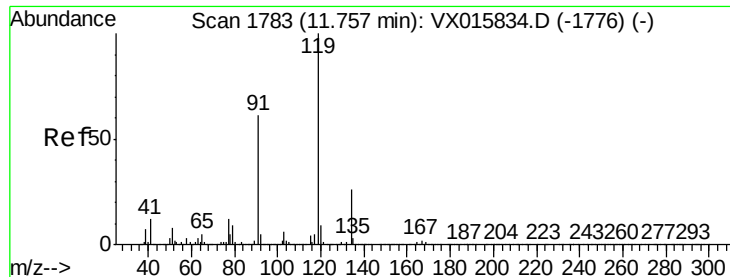
Tgt Ion: 91 Resp: 13464949

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#

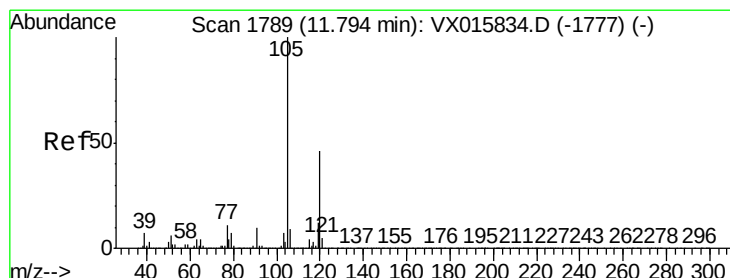
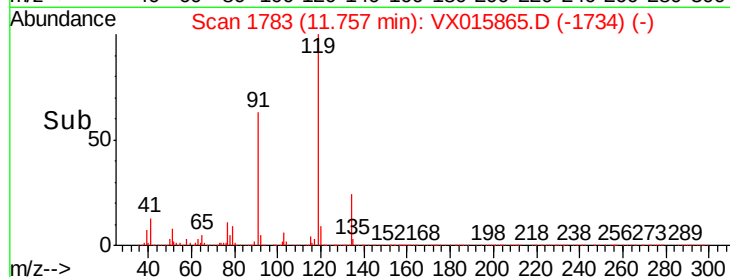
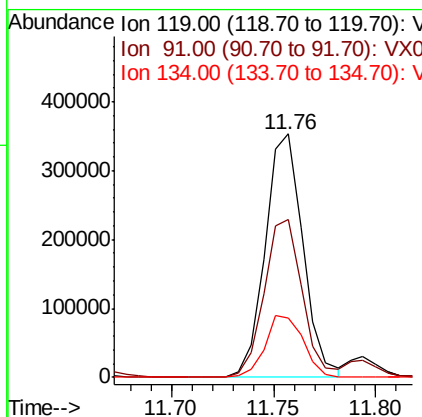
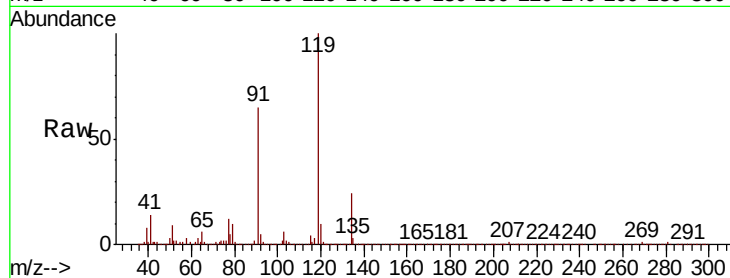




#83
tert-Butylbenzene
Concen: 12.008 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

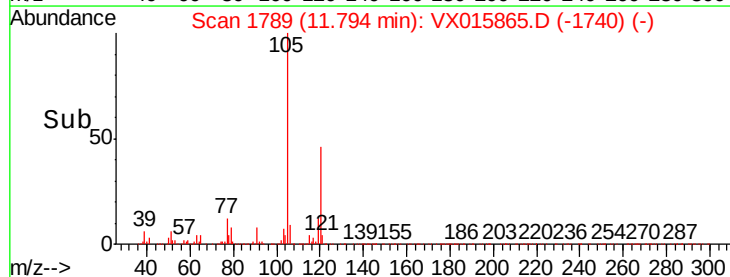
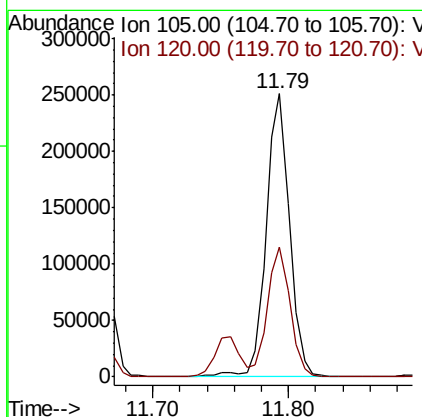
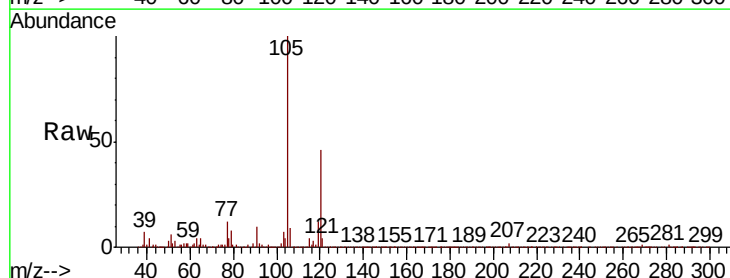
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

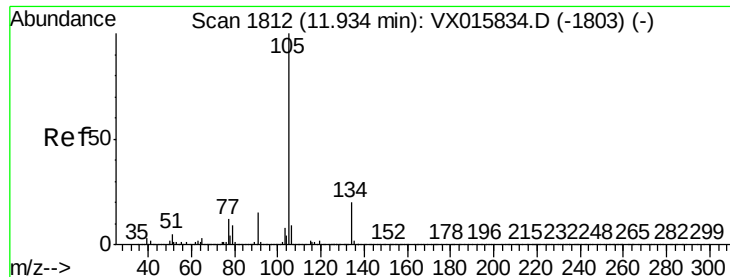
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	30.9	92.7
134	26.1	12.4	37.2



#84
1,2,4-Trimethylbenzene
Concen: 6.781 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.7





#85

sec-Butylbenzene

Concen: 28.080 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

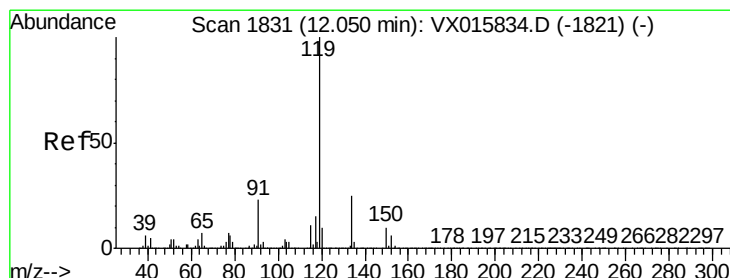
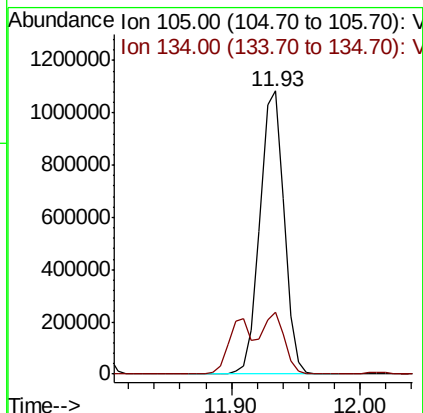
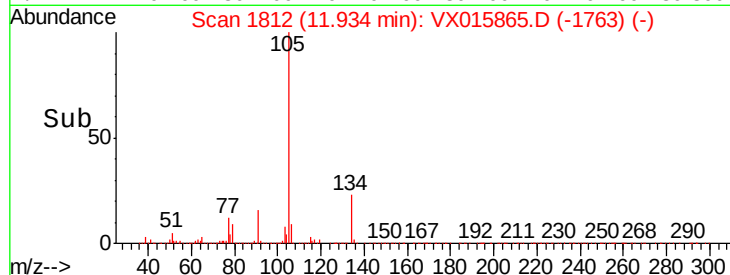
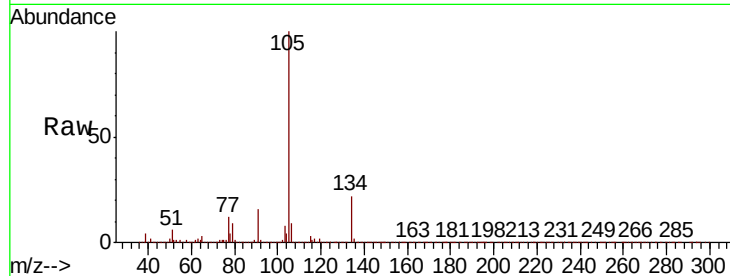
KY001MW029-200421

Tot Ion:105 Resp: 1396633

Ion Ratio Lower Upper

105 100

134 17.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 39.000 ug/l

RT: 12.22 min Scan# 1859

Delta R.T. 0.17 min

Lab File: VX015865.D

Acq: 23 Apr 2020 01:41

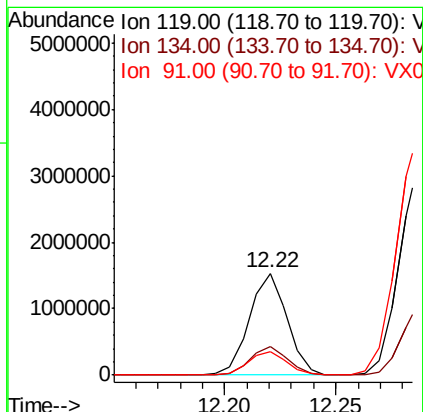
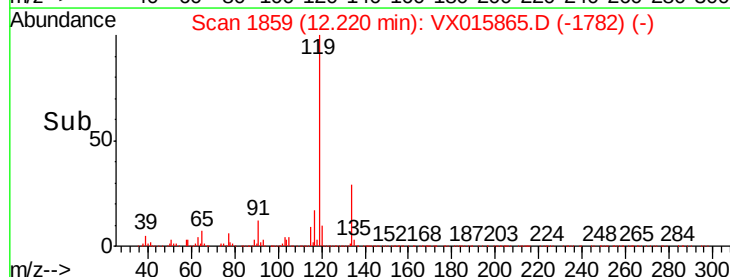
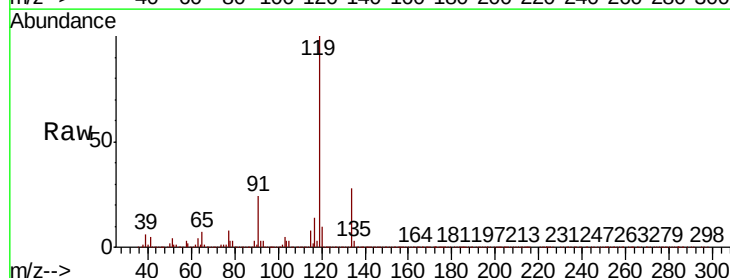
Tgt Ion:119 Resp: 1813820

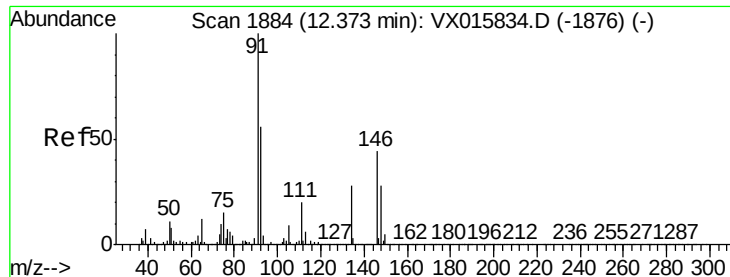
Ion Ratio Lower Upper

119 100

134 27.9 13.0 38.9

91 23.7 11.5 34.5

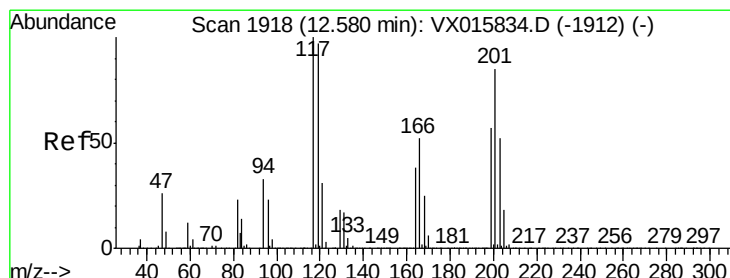
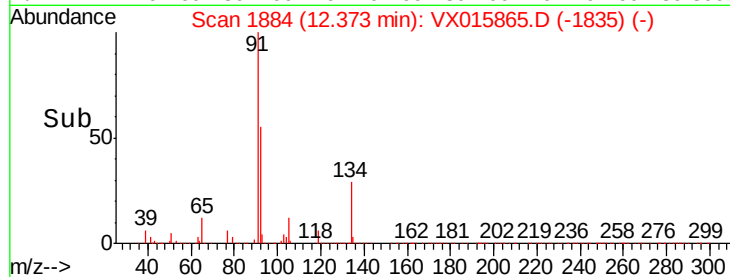
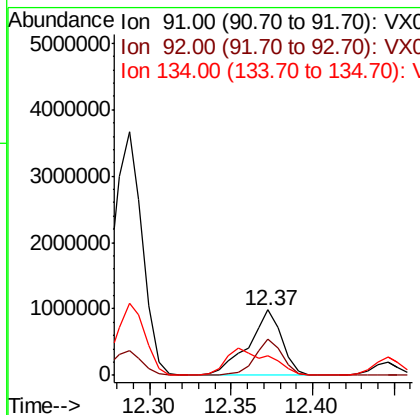
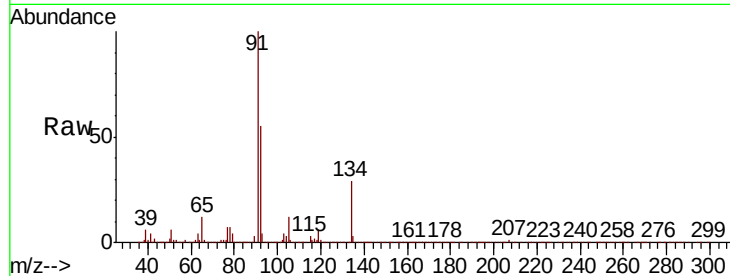




#89
n-Butylbenzene
Concen: 33.847 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

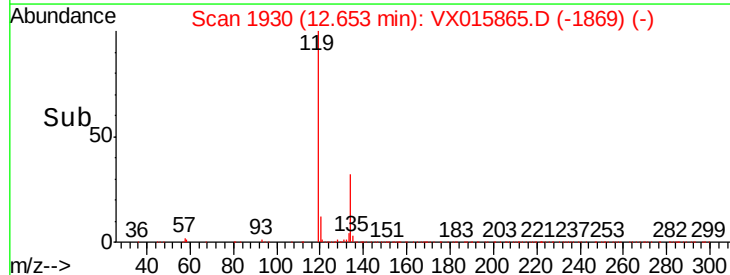
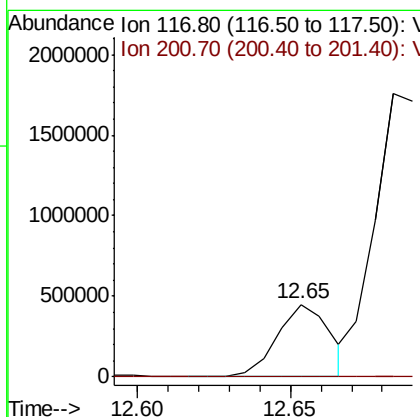
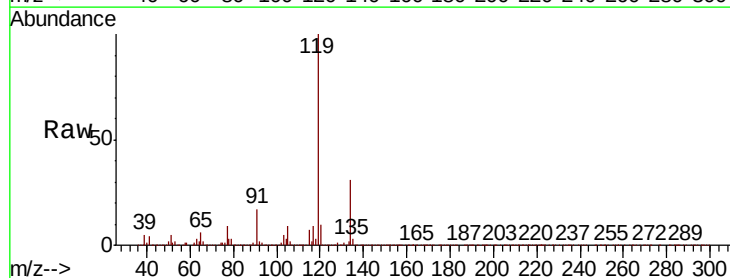
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421

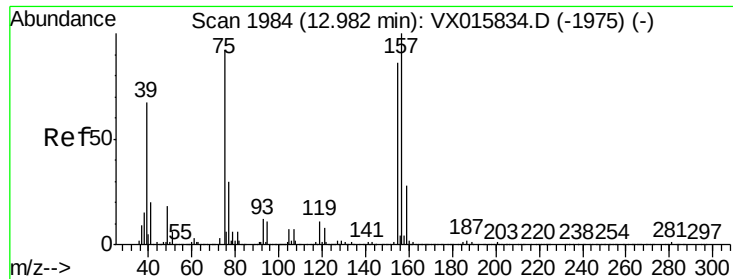
Tot Ion: 91 Resp: 1407406
Ion Ratio Lower Upper
91 100
92 45.3 27.7 83.1
134 53.6 14.1 42.4#



#90
Hexachloroethane
Concen: 109.370 ug/l
RT: 12.65 min Scan# 1930
Delta R.T. 0.07 min
Lab File: VX015865.D
Acq: 23 Apr 2020 01:41

Tgt Ion: 117 Resp: 537344
Ion Ratio Lower Upper
117 100
201 0.0 45.6 136.9#

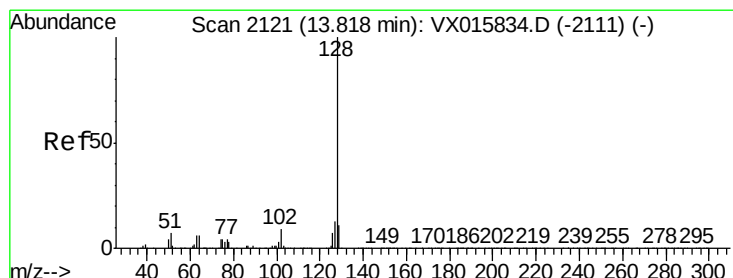
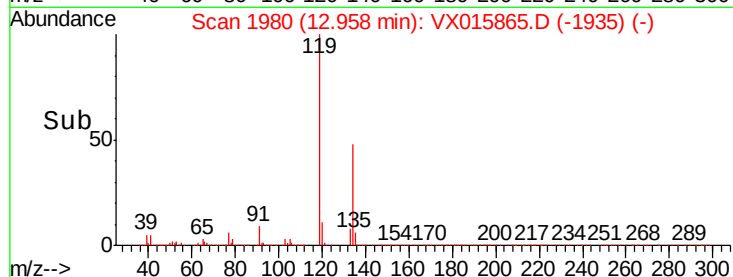
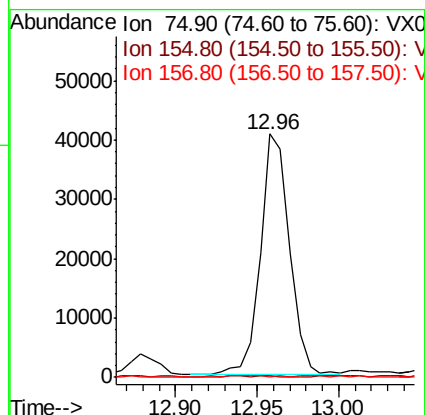
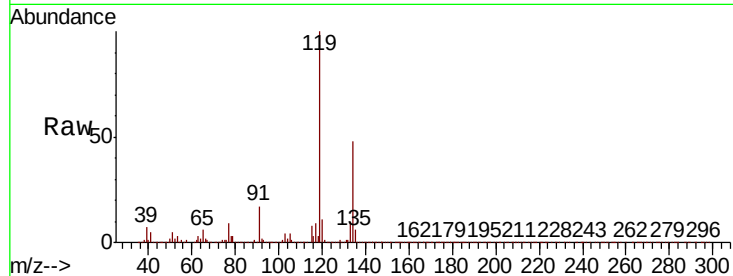




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.079 ug/l
 RT: 12.96 min Scan# 1980
 Delta R.T. -0.02 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421

Tot Ion: 75 Resp: 50340
 Ion Ratio Lower Upper
 75 100
 155 0.4 48.1 144.4#
 157 0.0 58.9 176.7#



#95
 Naphthalene
 Concen: 2.456 ug/l
 RT: 13.82 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: VX015865.D
 Acq: 23 Apr 2020 01:41

Tgt Ion:128 Resp: 132130
 Ion Ratio Lower Upper
 128 100
 127 11.0 10.5 15.7
 129 0.0 8.5 12.7#

